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FORMULA INDEX.

THE following index of organic compounds of known empirical formula is arranged according to Richter's system (see *Lexikon der Kohlenstoff-Verbindungen*).

The elements are given in the order C, H, O, N, Cl, Br, I, F, S, P, and the remainder alphabetically.

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C_1 group, C_2 group, etc.).

Secondly, according to the number of other elements besides carbon contained in the molecule (thus 5 IV indicates that the molecule contains five carbon atoms and four other elements).

Thirdly, according to the nature of the elements present in the molecule (given in the above order).

Fourthly, according to the number of atoms of each single element (except carbon) present in the molecule.

Salts are placed with the compounds from which they are derived. The chlorides, bromides, iodides, and cyanides of quaternary ammonium bases, however, are registered as group-substances.

C_1 Group.

CHN Hydrocyanic acid, production of, from explosion of nitrogen and acetylene (GARNER and SAUNDERS), 1634; potassium salt, double salts of, with copper, gold, silver, and thallium cyanides (BASSETT and CORBET), 1660.

$CHCl_3$ Chloroform, action of potassium phenoxide on (BAINES and DRIVER), 907.

CH_2O_2 Formic acid, properties of mixtures of aniline, water, and (POUND and RUSSELL), 769.

CH_4O Methyl alcohol, action of hydrogen chloride on (CARTER and BUTLER), 963.

$CSCl_2$ Thiocarbonyl chloride, reactions of (DYSON and GEORGE), 1702.

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CH_3ON Formamide, cryoscopic constant of (LOWRY and CUTTER), 1469.

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CHO_4N_2Cl Chlorodinitromethane, and its salts (GOTTS and HUNTER), 446.

CH_3O_2NS Methanesulphonamide, reactions of diazo-salts with (DUTT), 1463.

CH_6NCl_4I Methylammonium tetrachloroiodide (CHATTAWAY and GARTON), 187.

$CH_6N_3Cl_4I$ Guanidine tetrachloroiodide (CHATTAWAY and GARTON), 185.

CO_4N_2ClI Chloroiododinitromethane (GOTTS and HUNTER), 448.

1 V

$CH_7O_2N_2Cl_4I$ Carbamide tetrachloroiodide (CHATTAWAY and GARTON), 185.

C_2 Group.

C_2H_2 Acetylene, tautomerism of, and its halogen derivatives (INGOLD), 1528; explosion of mixtures of nitrogen and (GARNER and SAUNDERS), 1634; condensation of, with hydrogen sulphide in presence of catalysts (TOMKINSON), 2264.

C_2H_4 Ethylene, spontaneous combustion of, during preparation of ethylene dichloride (SHARMA), 2676.

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$C_2H_4O_2$ Acetic acid, purification of (Orton and Bradfield), 960 ; properties of mixtures of aniline, water, and (Pound and Russell), 769 ; electrical conductivity of mixtures of aniline, water, and (Pound), 1560 ; equilibria of, with homologues of aniline (O'Connor), 1422.

$C_2H_4Br_2$ Ethylene bromide, decomposition of, by potassium and sodium iodide solutions (Patterson and Robertson), 1526.

C_2H_6O Ethyl alcohol, adiabatic cooling of (Pushin and Grebenshchikov), 2045 ; solubility of substances in mixtures of water and (Wright), 2068 ; chlorination of (Chattaway and Backeberg), 1097 ; reaction of phenylmethylcarbamyl chloride with (Price), 115.

2 III

C_2HClI_2 Di-iodo*iso*acetylene (Ingold), 1535.

$C_2H_2N_4S_2$ Dithio-*p*-urazine disulphide (Guha and De), 1217.

$C_2H_4N_4S_2$ Dithio-*p*-urazine, and its silver salt (Guha and De), 1217.

$C_2O_8N_2K_2$ *s*-Dipotassium tetranitroethane, halogenation of (Hunter), 1480.

$C_2O_8N_4Cl_2$ *s*-Dichlorotetranitroethane (Hunter), 1482.

2 IV

$C_2H_4ON_4S$ Monothio-*p*-urazine (Guha and De), 1217.

$C_2H_8NCl_4I$ Dimethylammonium tetrachloroiodide (Chattaway and Garton), 187.

Ethylammonium tetrachloroiodide (Chattaway and Garton), 188.

2 V

$C_2H_{14}O_2N_2Cl_8I_2$ Ethylenediammonium bistetrachloroiodide (Chattaway and Garton), 188.

C_3 Group.

$C_3H_4O_3$ Ethylene carbonate, preparation of (Allpress and Maw), 2261.

Pyruvic acid, tautomerism of phenylhydrazones of (Stevens and Ward), 1324.

$C_3H_4O_4$ Malonic acid, action of bromine on, in aqueous solution (West), 1277.

$C_3H_4O_6$ Mesoxalic acid, tautomerism of phenylhydrazones of (Stevens and Ward), 1324.

C_3H_5I Allyl iodide, action of potassium pentasulphide on (Thomas and Riding), 2214.

C_3H_6O Acetone, density and viscosity of, at low temperatures (Archibald and Ure), 726.

$C_3H_8O_3$ Glycerol, adiabatic cooling of (Pushin and Grebenshchikov), 2045 ; mutual solubility of, and amino- and hydroxy-compounds (Parvatiker and McEwen), 1484 ; estimation of, by a modified dichromate method (Bennett), 1971.

3 III

$C_3H_5O_4N$ Nitroquinol, dissociation constant of (Prideaux and Nunn), 2110.

$C_3H_6N_4S$ Dimethylenethiocarbohydrazide (Guha and De), 1216.

$C_3H_7O_2N$ Urethane, adiabatic cooling of, and its mixtures with benzene (Pushin and Grebenshchikov), 2045.

3 IV

$C_3H_3O_5N_3S$ 4(or 5)-Nitroglyoxaline-5(or -4)-sulphonic acid (Balaban and Pyman), 1571.

$C_3H_{10}NCl_4I$ Trimethylammonium tetrachloroiodide (Chattaway and Garton), 188.

3 V

$C_3H_5ONClBr$ Chlorobromoacetomethylamide, crystallography of (Knaggs), 1442.

C_3H_5ONClI Chloroiodoacetomethylamide (McKie), 1076.

C_4 Group.

$C_4H_6O_6$ Tartaric acid, anomalous rotatory dispersion in (Lowry and Cutter), 1465; potassium antimony salt, structure of (Wark), 2007.

r-Tartaric acid, resolution of (Wren and Hughes), 1789.

$C_4H_{10}N_2$ Piperazine, hydroferricyanide of (Cumming), 2542.

4 III

$C_4HO_2Cl_3$ Chlorofumaryl chloride, action of, on aromatic amines and hydrazines (Chattaway and Parkes), 464.

$C_4H_4O_5Cu$ Cuprimalic acid, constitution of, and its salts (Wark), 2004.

$C_4H_4N_2Br_2$ 4:5-Dibromo-1-methylglyoxaline, and its salts (Balaban and Pyman), 1564.

$C_4H_5O_2N_3$ 4- and 5-Nitro-1-methylglyoxalines, and their salts (Hazeldine, Pyman, and Winchester), 1434.

$C_4H_5N_2Cl$ 5-Chloro-1-methylglyoxaline, and its nitrate (Balaban and Pyman), 1572.

$C_4H_5N_2Br$ Bromo-1-methylglyoxalines, and their salts (Balaban and Pyman), 1568.

$C_4H_6ON_2$ Methylpyruvonitrile oxime, and its silver salt (Walker), 1625.

4 IV

$C_4H_4O_2N_3Cl$ 5-Chloro-4-nitro-1-methylglyoxaline (Balaban and Pyman), 1572.

$C_4H_4O_2N_3Br$ Bromonitromethylglyoxalines (Balaban and Pyman), 1569.

$C_4H_5O_2N_2Cl$ Chlorofumarodiamide (Chattaway and Parkes), 467.

$C_4H_5O_5N_3S$ 4-Nitro-1-methylglyoxaline-5-sulphonic acid, and its sodium salt (Balaban and Pyman), 1569.

$C_4H_6O_3N_2S$ 2-Methylglyoxaline-4-sulphonic acid, and its salts (Forsyth, Moore, and Pyman) 921.

$C_4H_6O_6N_2S_2$ 2-Methylglyoxaline-4:5-disulphonic acid, and its salts (Forsyth, Moore, and Pyman), 922.

$C_4H_7ONCl_2$ Dichloroacetoethylamide, crystallography of (Knaggs), 1442.

$C_4H_7O_2N_2Br$ Bromomethylmalonamide (Stevens and Ward), 1329.

$C_4H_{10}NCl_4I$ Diethylammonium tetrachloroiodide (Chattaway and Garton), 188.

$C_4H_{12}N_2Cl_8I_2$ Piperazine bistetrachloroiodide (Chattaway and Garton), 187.

4 V

$C_4H_5O_3N_2BrS$ Bromo-1-methylglyoxalinesulphonic acids (Balaban and Pyman), 1568.

$C_4H_7ONClBr$ Chlorobromoacetoethylamide, crystallography of (Knaggs), 1442.

C_4H_7ONClI Chloroiodoacetoethylamide (McKie), 1076.

C_5 Group.

C_5H_5N Pyridine, hydroferricyanide of (Cumming), 2542.

$C_5H_6O_6$ Methylene tartaric acid, and its barium salt, and their rotation (Austin and Campbell), 1943.

$C_5H_{10}O_2$ *n*-Butyric acid, properties of mixtures of aniline, water, and (Pound and Russell), 769.

$C_5H_{11}N$ Piperidine, hydroferricyanide of (Cumming), 2542; additive compounds of, with diallyl and dibenzyl pentasulphides (Thomas and Riding), 2217.

5 III

$C_5H_4O_3N_4$ Uric acid, triethyl- and trimethyl-trimethylenetriamine salts (Graymore), 2284.

$C_5H_9NBr_2$ Dibromopiperidine, additive compound of, with diallyl pentasulphide dibromide (Thomas and Riding), 2216.

5 IV

$C_5H_6NCl_4I$ Pyridinium tetrachloroiodide (CHATTAWAY and GARTON), 186.
$C_5H_7ON_2Br$ 5-Bromo-2-hydroxymethyl-1-methylglyoxaline, and its picrate (BALABAN and PYMAN), 1569.
$C_5H_7O_2F_2B$ Boron acetylacetone difluoride (MORGAN and TUNSTALL), 1964.
$C_5H_8O_2N_2Te$ *cyclo*Telluropentane-3:5-dionedioxime (MORGAN and DREW), 1605.
$C_5H_8O_3N_2I$ 4(or 5)-Nitro-1:3-dimethylglyoxalinium iodide (HAZELDINE, PYMAN, and WINCHESTER), 1436.
$C_5H_8N_2BrI$ 4(or 5)-Bromo-1:3-dimethylglyoxalinium iodide (BALABAN and PYMAN), 1570.
$C_5H_9O_2N_2Br$ Bromoethylmalonamide (STEVENS and WARD), 1329.
$C_5H_{10}O_2N_4S$ Diacetylthiocarbohydrazide (GUHA and DE), 1216.

5 V

$C_5H_{14}ONCl_4I$ Piperidinium tetrachloroiodide (CHATTAWAY and GARTON), 187.

C_6 Group

C_6H_6 Benzene, adiabatic cooling of, and its mixtures with urethane (PUSHIN and GREBENSHCHIKOV), 2045; effect of intensive drying on (SMITS), 1071; reactions of thiocarbamides with chloronitro-derivatives of (TAYLOR and DIXON), 243.

6 II

C_6H_6O Phenol, adiabatic cooling of, and its mixtures with *p*-toluidine (PUSHIN and GREBENSHCHIKOV), 2044; nitration of (ARNALL), 811.
$C_6H_6O_3$ *allo*Maltol (YABUTA), 578.
$C_6H_8O_6$ Dimethylene tartrate, and its rotation (AUSTIN and CARPENTER), 1943.
C_6H_7N Aniline, properties of mixtures of water, fatty acids, and (POUND and RUSSELL), 769; electrical conductivity of mixtures of acetic acid, water, and (POUND), 1560; direct sulphonation of (HODGSON), 1855; hydroferricyanide of (CUMMING), 2542.
$C_6H_8O_4$ *trans-cyclo*Butane-1:2-dicarboxylic acid, resolution of, and its *l*-quinine salt (GOLDSWORTHY), 2012.
$C_6H_8O_6$ Carbomethoxyglycerol carbonate (ALLPRESS and MAW), 2262.
$C_6H_8N_2$ *as*-Dimethylsuccinonitrile (DICKENS, HORTON, and THORPE), 1838.
Phenylenediamines, hydroferricyanides of (CUMMING), 2542.
Phenylhydrazine, reaction of glucose with (KNECHT and THOMPSON), 222; estimation of, volumetrically (KNECHT), 1544.
$C_6H_{10}O_3$ Ethyl acetoacetate, interaction of *o*-hydroxydistyryl ketones with (FORSTER and HEILBRON), 340; (HEILBRON and FORSTER), 2064.
$C_6H_{10}O_4$ Adipic acid, thallous salt (MENZIES and WILKINS), 1150.
$C_6H_{10}O_6$ Dicarbomethoxyglycol (ALLPRESS and MAW), 2261.
r-Dimethoxysuccinic acid (WREN and HUGHES), 1742.
$C_6H_{10}S_2$ Diallyl disulphide, and its silver nitrate and mercuric chloride compounds (THOMAS and RIDING), 2466.
$C_6H_{10}S_5$ Diallyl pentasulphide, and its additive compound with piperidine (THOMAS and RIDING), 2216.
$C_6H_{12}O_6$ Dextrose, reaction of phenylhydrazine with (KNECHT and THOMPSON), 222; estimation of (KNECHT and HIBBERT), 2009.
α-Glucose, mutarotation of (BAKER, INGOLD, and THORPE), 290.
Lævulose, estimation of (KNECHT and HIBBERT), 2011.
$C_6H_{12}N_4$ Hexamethylenetetramine, hydroferricyanide of (CUMMING), 2542.
$C_6H_{14}O_6$ Mannitol, condensation of olive oil with (IRVINE and GILCHRIST), 10.
$C_6H_{15}N_3$ Trimethyltrimethylenetriamine, and its salts (GRAYMORE), 2284.

6 III

$C_6H_3O_7N_3$ Picric acid, chromammine salts of (KING), 1332.

$C_6H_3N_2Cl_3$ Dichlorophenylazoimides (CHATTAWAY, GARTON, and PARKES), 1988.

$C_6H_3N_6Co$ Hydrocobalticyanic acid, potassium salt, hydrolysis of, by sulphuric acid (BASSETT and CORBET), 1358.

$C_6H_3N_6Fe$ Hydroferricyanic acid, salts of, with organic bases (CUMMING), 1106, 2541; potassium salt, hydrolysis of, by sulphuric acid (BASSETT and CORBET), 1358.

$C_6H_4O_4N_2$ *m*-Dinitrobenzene, influence of pressure on the freezing point of (PUSHIN), 2628; sulphonation of (GRIFFITHS), 1401.

$C_6H_4O_6N_2$ Dinitroquinol, dissociation constant of (PRIDEAUX and NUNN), 2110.

$C_6H_4N_6Fe$ Hydroferrocyanic acid, salts of, with organic bases (CUMMING), 1106, 2541.

C_6H_5OK Potassium phenoxide, action of chloroform on (BAINES and DRIVER), 907.

$C_6H_5O_2N$ Nitrobenzene, cryoscopy with (BROWN and BURY), 2219; (SIDGWICK and EWBANK), 2268.

$C_6H_5O_3Cl$ 5-Hydroxy-2-chloromethyl-γ-pyrone (YABUTA), 578.

$C_6H_5O_3Br$ 5-Hydroxy-2-bromomethyl-γ-pyrone (YABUTA), 579.

$C_6H_5O_3I$ 5-Hydroxy-2-iodomethyl-γ-pyrone (YABUTA), 580.

$C_6H_5O_5N_3$ Picramic acid, chromammine salt of (KING), 1335.

$C_6H_5N_2Cl$ Benzenediazonium chloride, reaction of methanesulphonamide with (DUTT), 1464.

$C_6H_7O_2N$ 4:5-Dihydroxy-2-methylpyridine (YABUTA), 584.

$C_6H_8O_4Br_2$ αβ-Dibromo-β-methylglutaconic acid (INGOLD, OLIVER, and THORPE), 2134.

αβ-Dibromo-α-(or -γ-)methylglutaric acid (INGOLD, OLIVER, and THORPE), 2134.

Methyl dibromosuccinates (ING and PERKIN), 1822.

$C_6H_8Br_2S_5$ Diallyl pentasulphide dibromide, additive compounds of, with dibromopiperidine (THOMAS and RIDING), 2216.

$C_6H_9Br_3S_5$ Diallyl pentasulphide tribromide (THOMAS and RIDING), 2216.

$C_6H_{10}I_4S_5$ Diallyl pentasulphide tetraiodide (THOMAS and RIDING), 2216.

$C_6H_{12}O_2N_2$ *as*-Dimethylsuccinamide (DICKENS, HORTON, and THORPE), 1839.

Methylmalondimethylamide (WEST), 717.

$C_6H_{15}N_3Br_2$ Trimethyltrimethylenetriamine dibromide (GRAYMORE), 2284.

6 IV

$C_6H_2O_4N_2Cl_2$ 1:3-Dichlorodinitrobenzene (SANÉ and JOSHI), 2483.

$C_6H_2O_4N_2Cl$ 2:4-Dinitrochlorobenzene, action of, on aldoximes (BRADY and TRUSZKOWSKI), 1087.

$C_6H_3O_5N_2Cl$ 3-Chlorodinitrophenol (SANÉ and JOSHI), 2483.

$C_6H_2N_2Cl_6I$ Dichlorobenzenediazonium tetrachloroiodides (CHATTAWAY, GARTON, and PARKES), 1983.

$C_6H_4O_2Cl_2S$ 2:5-Dichlorobenzenesulphinic acid (SMILES and GIBSON), 179.

$C_6H_4N_2Cl_5I$ Chlorobenzenediazonium tetrachloroiodides (CHATTAWAY, GARTON, and PARKES), 1983.

$C_6H_5N_2Cl_4I$ Benzenediazonium tetrachloroiodide (CHATTAWAY, GARTON, and PARKES), 1982.

$C_6H_8NCl_4I$ α-Picolinium tetrachloroiodide (CHATTAWAY and GARTON), 186.

$C_6H_9O_2N_2Cl$ Chlorofumarodimethylamide (CHATTAWAY and PARKES), 467.

$C_6H_{10}O_2N_2Br_2$ αα′-Dibromoadipamide (BERNTON, ING, and PERKIN), 1502.

$C_6H_{10}O_2N_2I_2$ αα′-Di-iodoadipamide (BERNTON, ING, and PERKIN), 1502.

$C_6H_{11}O_2N_2Br$ α-Bromo-α′-methylmalondimethylamide (WEST), 718.

$C_6H_{14}O_5NCl$ Glucosamine, estimation of (KNECHT and HIBBERT), 2011.

6 V

$C_6H_3O_4N_2ClBr$ 1-Chloro-2-bromo-4:6-dinitrobenzene (SANÉ and JOSHI), 2482.

$C_6H_2N_2Cl_4Br_2I$ 2:4:6-Tribromobenzenediazonium tetrachloroiodide (CHATTAWAY, GARTON, and PARKES), 1983.

$C_6H_3N_2Cl_4Br_2I$ 2:4-Dibromobenzenediazonium tetrachloroiodide (CHATTAWAY, GARTON, and PARKES), 1983.

$C_6H_4O_2N_2Cl_4I$ Nitrobenzenediazonium tetrachloroiodides (CHATTAWAY, GARTON, and PARKES), 1983.

C_7 Group.

$C_7H_6O_2$ Salicylaldehyde, thallous salt (MENZIES and WILKINS), 1149.

$C_7H_6O_3$ Salicylic acid, disalicylatodiethylenediamminocobaltic salt (MORGAN and SMITH), 2004.

$C_7H_6O_5$ Comenic acid methyl ether (YABUTA), 581.

$C_7H_6O_8$ *cyclo*Propane-1:2:2:3-tetracarboxylic acids (ING and PERKIN), 1824.

C_7H_7Cl Benzyl chloride, reaction of water and (HARKER), 500.

p-Chlorotoluene, photochemical action of iodine on moist (SILBERRAD), 2196; nitration of (HODGSON and ANDERSON), 2195.

$C_7H_8O_2$ Guaiacol, influence of pressure on the freezing point of (PUSHIN), 2628.

$C_7H_8O_2$ *allo*Maltol methyl ether (YABUTA), 579.

C_7H_9N Benzylamine, hydroferricyanide of (CUMMING), 2542.

Methylaniline, hydroferri- and hydroferro-cyanides of (CUMMING), 2541.

p-Toluidine, adiabatic cooling of, and its mixtures with phenol (PUSHIN and GREBENSHCHIKOV), 2045.

Toluidines, equilibria of acetic acid with (O'CONNOR), 1422; hydroferricyanides of (CUMMING), 2542.

$C_7H_{10}O_3$ Allyl carbonate (FIERZ-DAVID and MÜLLER), 26.

$C_7H_{10}O_6$ Carbethoxyglycerol carbonate (ALLPRESS and MAW), 2263.

$C_7H_{12}O_4$ Pimelic acid, thallous salts (MENZIES and WILKINS), 1150.

$C_7H_{14}O_5$ Methyl mannitan (IRVINE and GILCHRIST), 14.

$C_7H_{14}O_6$ γ-Methylmannoside (IRVINE and BURT), 1345.

7 III

C_7H_4NCl *p*-Chlorophenylcarbylamine (INGOLD), 97.

C_7H_4NBr *p*-Bromophenylcarbylamine (INGOLD), 98.

$C_7H_5O_3N$ *o*-Nitrobenzaldehyde, photochemical transformation of (BOWEN, HARTLEY, SCOTT, and WATTS), 1218.

$C_7H_5O_4Cl$ Comenyl chloride methyl ether, and its hydrochloride (YABUTA), 582.

$C_7H_5O_6N_3$ *as*-Trinitrotoluenes, reactions of (BRADY, HEWETSON, and KLEIN), 2400.

$C_7H_4OBr_2$ Dibromo-*p*-cresol (GRIFFITH), 2626.

$C_7H_4O_2Cl_2$ 3:5-Dichloro-2:6-dimethylpyrone (MORGAN and PORTER), 1276.

C_7H_6NCl Methylene-*p*-chloroaniline (INGOLD), 93.

C_7H_6NBr Methylene-*p*-bromoaniline (INGOLD), 93.

$C_7H_7ON_2$ *p*-Nitrotoluene, effect of pressure on the freezing point of (PUSHIN), 2628.

$C_7H_7O_2Cl$ 3-Chloro-5-acetyl-4-hydroxy-2-methylfuran (MORGAN and PORTER), 1276.

5-Methoxy-2-chloromethyl-γ-pyrone (YABUTA), 578.

$C_7H_7O_3Cl_3$ Trichlorodiacetylacetone (MORGAN and PORTER), 1277.

$C_7H_7O_3I$ 5-Methoxy-2-iodomethyl-γ-pyrone (YABUTA), 581.

$C_7H_7O_4N$ Comenamic acid methyl ether, and its salts (YABUTA), 583.

Comenamide methyl ether (YABUTA), 582.

$C_7H_7N_2Cl$ *p*-Toluenediazonium chloride, reaction of methanesulphonamide (DUTT), 1464.

$C_7H_8O_2N_2$ α-Cyano-ββ-dimethylsuccinimide (DICKENS, HORTON, and THORPE), 1838.

$C_7H_8O_4S$ *m*-Cresolsulphonic acids, salts of (HAWORTH, LAPWORTH, and WILSON), 1304.

$C_7H_9O_3As$ *o*-Tolylarsinic acid (BURTON and GIBSON), 2276.

$C_7H_9O_4Br$ α-Bromo-αβ(or -βγ)-dimethylglutaconic acid (INGOLD, OLIVER, and THORPE), 2135.

C_7H_9NO *o*-Anisidine, hydroferricyanide of (CUMMING), 2542.

$C_7H_9N_2Cl$ 6-Chloro-2:5-tolylenediamine (MORGAN and GLOVER), 1600.

$C_7H_{10}ON_4$ δ-Anilinosemicarbazide, and its hydrochloride (SUTHERLAND and WILSON), 2146.

$C_7H_{10}O_2Te$ Tellurium *n*-butyryl acetone (MORGAN, DREW, and PORTER), 737.

Tellurium dipropionylmethane (MORGAN, DREW, and ACKERMAN), 741.

Tellurium 3-methylpropionylacetone (MORGAN and DREW), 746.

*cyclo*Tellurodimethylpentane-3:5-diones (MORGAN and DREW), 1605.

$C_7H_{10}O_3N_2$ β-Carbamyl-α-cyano-ββ-dimethylpropionic acid (DICKENS, HORTON, and THORPE), 1838.

$C_7H_{10}O_4Br_2$ αβ-Dibromo-αγ-dimethylglutaric acid (INGOLD, OLIVER, and THORPE), 2135.

$C_7H_{13}O_2N_3$ Piperidino-oxalylhydrazine, and its hydrochloride (WILSON and PICKERING), 1155.

$C_7H_{14}O_3N_2$ Ethylmalondimethylamide (WEST), 718.

7 IV

$C_7H_3O_4NBr_2$ 2:4-Dibromo-6-nitro-3-hydroxybenzaldehyde (HENRY and SHARP), 1054.

$C_7H_3O_4NI_2$ Di-iodonitrohydroxybenzaldehydes (HENRY and SHARP), 1055.

$C_7H_3O_5NBr_2$ Dibromonitrohydroxybenzoic acids (HENRY and SHARP), 1054.

$C_7H_3O_5NI_2$ Di-iodo-4-nitro-3-hydroxybenzoic acid (HENRY and SHARP), 1057.

$C_7H_3O_5NHg_2$ 2:3-Anhydro-2:6-dihydroxydimercuri-4-nitro-3-hydroxybenzaldehyde (HENRY and SHARP), 1056.

$C_7H_3NCl_2S$ 2:4-Dichlorophenylthiocarbimide (CHATTAWAY, HARDY, and WATTS), 1554.

$C_7H_3NBr_2S$ 2:4-Dibromophenylthiocarbimide (CHATTAWAY, HARDY, and WATTS), 1554.

$C_7H_4O_2ClAs$ *o*-Carboxyphenylchloroarsinous anhydride (AESCHLIMANN and MCCLELAND), 2030.

$C_7H_4O_4NI$ Iodonitrohydroxybenzaldehydes (HENRY and SHARP), 1053.

C_7H_4NBrS *p*-Bromophenyl thiocyanate (CHALLENGER and COLLINS), 1379.

$C_7H_5O_2NCl_2$ 4-Chloro-5-methoxypyridine-2-carboxylic acid chloride (YABUTA), 583.

$C_7H_5O_3NI_2$ Di-iodo-4-nitro-*m*-cresol (HENRY and SHARP), 1057.

$C_7H_5O_3N_2Cl$ 2-Chloro-6-nitroso-3-nitrotoluene (MORGAN and GLOVER), 1600.

$C_7H_5O_4N_2Cl$ *o*-Chlorodinitrotoluenes (MORGAN and GLOVER), 1597.

$C_7H_5O_5NHg$ 5-Hydroxymercuri-3-nitro-4-hydroxybenzaldehyde (HENRY and SHARP), 1052.

$C_7H_5O_6N_5S$ Picryl-*S*-thiocarbamide, and its salts (TAYLOR and DIXON), 248.

C_7H_6ONCl Formo-*p*-chloroanilide, silver salt of (FARROW and INGOLD), 2552.

$C_7H_6O_2NBr$ *o*-Nitrobenzyl bromide (SHOESMITH, HETHERINGTON, and SLATER), 1316.

$C_7H_6O_5NCl$ 4-Chloro-5-methoxypyridine-2-carboxylic acid (YABUTA), 584.

$C_7H_6O_2NBr$ Bromonitrocresol (GRIFFITH), 2628.

3-Nitro-4-hydroxybenzyl bromide (SHOESMITH, HETHERINGTON, and SLATER), 1317.

$C_7H_6O_7N_2S$ Dinitrotoluenesulphonic acids, sodium salts (BRADY, HEWETSON, and KLEIN), 2402.

$C_7H_6N_2Cl_2S$ 2:4-Dichlorophenylthiocarbamide (CHATTAWAY, HARDY, and WATTS), 1554.

$C_7H_6N_2Br_2S$ 2:4-Dibromophenylthiocarbamide (CHATTAWAY, HARDY, and WATTS), 1555.

$C_7H_7O_3N_2Cl$ 6-Chloro-5-nitro-*o*-toluidine (MORGAN and GLOVER), 1599.

$C_7H_7O_2ClS$ *p*-Toluenesulphonyl chloride, action of, on nitrophenols (SANÉ and JOSHI), 2481.

$C_7H_7O_6NS$ Nitrocresolsulphonic acid, potassium salts (GRIFFITH), 2627.

$C_7H_7N_2Cl_4I$ Toluenediazonium tetrachloroiodides (CHATTAWAY, GARTON, and PARKES), 1983.

$C_7H_{10}O_2Cl_2Te$ *cyclo*Telluri-4:4-dimethylpentane-3:5-dione 1:1-dichloride (MORGAN and DREW), 1604.

Tellurium *n*-butyrylacetone dichloride (MORGAN, DREW, and PORTER), 737.

Tellurium dipropionylmethane dichloride (MORGAN, DREW, and ACKERMAN), 740.

Tellurium 3-methylpropionylacetone dichloride (MORGAN and DREW), 746.

$C_7H_{10}NCl_4I$ Benzylammonium tetrachloroiodide (CHATTAWAY and GARTON), 188.

$C_7H_{11}O_2NTe$ *cyclo*Tellurodimethylpentane-3:5-dione monoximes (MORGAN and DREW), 1606.

$C_7H_{12}O_2N_2Te$ *cyclo*Tellurodimethylpentane-3:5-dione dioximes (MORGAN and DREW), 1606.

*cyclo*Telluroethylpentane-3:5-dione dioximes (MORGAN and DREW), 1605.

$C_7H_{13}O_2N_2Br$ α-Bromo-α′-ethylmalondimethylamide (WEST), 719.

7 V

$C_7H_3O_2N_2BrS$ 4-Bromo-2-nitrophenyl thiocyanate (CHALLENGER and COLLINS), 1379.

$C_7H_3O_4NCl_2Hg_2$ Dichlorodimercurinitrohydroxybenzaldehydes (HENRY and SHARP), 1054.

$C_7H_4O_4NClHg$ Chloromercurinitrohydroxybenzaldehydes (HENRY and SHARP), 1052.

$C_7H_7O_2NCl_2S$ *p*-Toluenesulphondichloroamide, hydrolysis of, in water (SOPER), 1899.

$C_7H_7O_4N_4ClS$ Substance, and its picrate, from 1-chloro-2:4-dinitrobenzene and thiocarbamide (TAYLOR and DIXON), 247.

$C_7H_8O_2NCl_4I$ Pyridine-betaine tetrachloroiodide (CHATTAWAY and GARTON), 187.

C_8 Group.

C_8H_{10} Xylenes, extraction of, from crude xylol (PATTERSON, MCMILLAN, and SOMERVILLE), 2488.

8 II

$C_8H_6O_3$ Piperonal, absorption spectra of (PURVIS), 410.

$C_8H_6O_4$ Piperonylic acid, absorption spectra of (PURVIS), 410.

$C_8H_8O_3$ Piperonyl alcohol, absorption spectra of (PURVIS), 410.

$C_8H_{10}O$ *m*-4-Xylenol, absorption spectra of (PURVIS), 406.

$C_8H_{10}O_4$ 5-Ethoxy-2-hydroxymethyl-γ-pyrone (YABUTA), 580.

$C_8H_{10}O_6$ *cyclo*Pentane-1:2:3-tricarboxylic acid, potassium salt (BERNTON, ING, and PERKIN), 1498.

$C_8H_{11}N$ Dimethylaniline, equilibrium of acetic acid with (O'Connor), 1426; hydroferri- and hydroferro-cyanides of (Cumming), 2541.

$C_8H_{14}O_2$ 3-Ethylpropionylacetone, and its copper salt (Morgan and Thomason), 757.

3-*n*-Propylacetylacetone, and its copper salt (Morgan and Thomason), 758.

n-Valerylacetone, and its copper salt (Morgan and Holmes), 761.

$C_8H_{14}O_3$ Hexahydromandelic acid, synthesis and resolution of (Wood and Comley), 2636.

$C_8H_{14}O_4$ *aa*-Diethylsuccinic acid (Dutt and Thorpe), 2528.

$C_8H_{14}O_6$ Dicarbethoxyglycol (Allpress and Maw), 2262.

Ethyl tartrate, molecular weight of (Lowry and Cutter), 1465.

$C_8H_{16}O_6$ Methyl methylglucoside (Irvine and Gilchrist), 9.

$C_8H_{16}O_3$ $\beta\gamma$-Dihydroxybutyric acid, barium salt (Ingold, Oliver, and Thorpe), 2135.

$C_8H_{18}O$ *sec.*-Octyl alcohol, rotatory power of (Lowry and Richards), 1595.

8 III

$C_8H_5O_2N$ Isatin, estimation of, volumetrically (Knecht), 1544.

$C_8H_5N_3Br_2$ 1-(2:4-Dibromophenyl)-1:2:3-triazole (Chattaway, Garton, and Parkes), 1988.

$C_8H_5N_3Cl_2$ 1-Dichlorophenyl-1:2:3-triazoles (Chattaway, Garton, and Parkes), 1988.

$C_8H_6OBr_2$ ω-Bromo-*p*-toluoyl bromide (Shoesmith, Hetherington, and Slater), 1314.

$C_8H_7O_2As$ *o*-Carboxyphenylmethylarsinous anhydride (Aeschlimann and McCleland), 2033.

$C_8H_7O_3N$ Isatic acid, thallous salt (Menzies and Wilkins), 1149.

$C_8H_7O_3Br_3$ 1:2:3-Tribromo-5-hydroxy-4:6-dimethoxybenzene, and its sodium salt (Alimchandani), 543.

$C_8H_8OCl_2$ Dichloro-*o*-xylenols (Hinkel), 1851.

$C_8H_8OCl_4$ 2:4:5:6-Tetrachloro-1:1-dimethyl*cyclo*-Δ^4-hexen-3-one (Hinkel), 1854.

$C_8H_8O_6S$ 3-Methoxysulphobenzoic acids, hydrogen potassium salts (Haworth, Lapworth, and Wilson), 1306.

$C_8H_9OCl_3$ 3:4:5-Trichloro-1:1-dimethyl-Δ^4-*cyclo*hexen-3-one (Hinkel), 1850.

$C_8H_9O_2Cl$ 4-Chloro-3:5-dihydroxy-*o*-xylene (Hinkel), 1851.

$C_8H_9O_4N$ 5-Methoxy-1-methyl-4-pyridone-2-carboxylic acid (Yabuta), 586.

$C_8H_9O_4As$ *o*-Carboxyphenylmethylarsinic acid (Aeschlimann and McCleland), 2034.

$C_8H_{10}ON_2$ *p*-Nitrosodimethylaniline, hydroferri- and hydroferro-cyanides of (Cumming), 2541.

$C_8H_{10}O_2Cl$ 4:5-Dichloro-1:1-dimethyl-Δ^5-*cyclo*hexen-3-one (Hinkel), 1852.

$C_8H_{10}O_6S$ 4-Hydroxy-3:5-dimethoxybenzenesulphonic acid ($+1\frac{1}{2}H_2O$) and its salts (Alimchandani), 542.

$C_8H_{10}NBr$ *p*-Bromodimethylaniline, hydroferri- and hydroferro-cyanides of (Cumming), 2541.

$C_8H_{11}O_2N$ 5-Methoxy-1:2-dimethyl-4-pyridone (Yabuta), 584.

$C_8H_{11}O_3N$ 5-Ethoxy-2-hydroxymethyl-4-pyridone, and its picrate (Yabuta), 580.

$C_8H_{12}O_2Te$ Tellurium 3-ethylpropionylacetone (Morgan and Thomason), 757.

Tellurium propionyl-*n*-butyrylmethane (Morgan, Drew, and Ackerman), 742.

Tellurium 3-*n*- and *iso*-propylacetylacetones (Morgan and Thomason), 758.

Tellurium *n*-valerylacetone (Morgan and Holmes), 761.

$C_8H_{12}O_4Br_2$ Ethyl *dl*-dibromosuccinate (Ing and Perkin), 1822.

Methyl dibromoadipate (Bernton, Ing, and Perkin), 1500.

$C_8H_{12}O_4I_2$ Methyl di-iodoadipates (BERNTON, ING, and PERKIN), 1501.
$C_8H_{13}O_3N_3$ *cyclo*Pentane-1:2:3-tricarboxylamide (BERNTON, ING, and PERKIN), 1497.
$C_8H_{15}O_2N$ Hexahydromandelamide (WOOD and COMLEY), 2637.
$C_8H_{16}O_2N_2$ *n*- and *iso*-Propylmalondimethylamides (WEST), 718.

8 IV

$C_8H_3O_5N_3Cl_2$ *N*:6-Dichloro-2:4-dinitroacetanilide (CHATTAWAY and DOWDEN), 1196.
$C_8H_5O_6NHg$ Formoxymercuri-4-nitro-3-hydroxybenzaldehyde (HENRY and SHARP), 1056.
$C_8H_5O_7N_4Cl$ *N*-Chloro-2:4:6-trinitroacetanilide (CHATTAWAY and DOWDEN), 1196.
C_8H_6ONBr 3-Bromo-*p*-methoxybenzonitrile (BRADY and MANJUNATH), 1064.
$C_8H_6O_2N_2S$ 2-Nitro-*p*-tolyl thiocyanate (CHALLENGER and COLLINS), 1379.
$C_8H_6O_5N_2Cl$ *N*-Chloro-2:4-dinitroacetanilide (CHATTAWAY and DOWDEN), 1196.
$C_8H_7O_3NCl$ Methyl 4-chloro-5-methoxypyridine-2-carboxylate (YABUTA), 584.
$C_8H_7O_4NS$ Methoxy-*o*-benzoicsulphinides (HAWORTH and LAPWORTH), 1306.
C_8H_8ONCl Acetochloroanilides, freezing-point curves for mixtures of (ORTON and OWEN), 766.
Phenylmethylcarbamyl chloride, reaction of ethyl alcohol with (PRICE), 115.
C_8H_8ONBr *p*-Bromoacetanilide, nitration of (GRIFFITH), 940.
$C_8H_8O_2NBr$ 3-Bromo-*p*-methoxybenzaldoximes (BRADY and MANJUNATH), 1064.
$C_8H_8O_2ClAs$ *o*-Carboxyphenylmethylchloroarsine (AESCHLIMANN and MCCLELAND), 2034.
$C_8H_8O_3NBr$ 3-Nitro-4-methoxybenzyl bromide (SHOESMITH, HETHERINGTON, and SLATER), 1317.
$C_8H_8O_4N_3Br$ 2-Bromo-4:6-dinitrodimethylaniline (SANÉ and JOSHI), 2483.
$C_8H_9O_3NS$ Acetanilide-*p*-sulphinic acid (BERE and SMILES), 2361.
$C_8H_9O_5NS$ 3-Methoxy-4-sulphonamidobenzoic acid (HAWORTH and LAPWORTH), 1306.
$C_8H_{12}O_2Cl_2Te$ Tellurium 3-ethylpropionylacetone dichloride (MORGAN and THOMASON), 757.
Tellurium propionyl-*n*-butyrylmethane dichloride (MORGAN, DREW, and ACKERMAN), 742.
Tellurium 3-*n*- and -*iso*-propylacetylacetone dichlorides (MORGAN and THOMASON), 758.
Tellurium *n*-valerylacetone dichloride (MORGAN and HOLMES), 761.
$C_8H_{13}NCl_4I$ Collidinium tetrachloroiodide (CHATTAWAY and GARTON), 186.
$C_8H_{13}O_3Cl_3Te$ Tellurium ethyl *O*-ethyl acetoacetate trichloride (MORGAN and DREW), 753.
$C_8H_{15}O_2N_2Br$ *α*-Bromo-*α'*-*n*- and -*iso*-propylmalondimethylamides (WEST), 719.

8 V

$C_8H_7ONCl_2S$ Methyl 2:4-dichlorophenylthiocarbamate (CHATTAWAY, HARDY, and WATTS), 1554.
$C_8H_{13}O_2N_4Cl_4I$ Caffeine tetrachloroiodide (CHATTAWAY and GARTON), 187.

C_9 Group.

$C_9H_6N_2$ 6-Cyanindole (KERMACK), 2290.
C_9H_7N Quinolines, hydroferricyanides of (CUMMING), 2542.
$C_9H_8N_2$ 2-Aminoquinoline (HAMER), 1353.
$C_9H_{10}O_2$ *o*- and *p*-Tolyl acetates, action of sodium on (HALL), 2266.
$C_9H_{10}O_3$ Dihydrocoumaric acid, *β*-sulphonates of (DEY and ROW), 557.
β-Hydroxy-*β*-phenylpropionic acid, conversion of, into *β*-bromo-*β*-phenylpropionic acids (SENTER and WARD), 2137.

$C_9H_{12}N_2$ 1-Cyano*cyclo*hexane-1-acetonitrile (DICKENS, HORTON, and THORPE), 1834.

$C_9H_{13}N$ Mesidine, equilibrium of acetic acid with (O'CONNOR), 1426.

$C_9H_{14}O_4$ Ethyl ethylidenemalonate, action of anilinophenylacetonitrile with (HIGGINBOTHAM, LAPWORTH, and SIMPSON), 2339.

$C_9H_{14}O_5$ Ethyl acetonedicarboxylate, thallous ester (MENZIES and WILKINS), 1151.

$C_9H_{14}O_9$ Tricarbomethoxyglycerol (ALLPRESS and MAW), 2263.

$C_9H_{16}O_2$ 3-*n*-Butylacetylacetone, and its copper salt (MORGAN and HOLMES), 763.

Dibutyrylmethane and its copper salt (MORGAN and THOMASON), 756.

Dipropionylethylmethane, and its copper salt (MORGAN and DREW), 748.

n-Hexoylacetone, and its copper salt (MORGAN and HOLMES), 762.

$C_9H_{16}O_5$ Dimethyl anhydro-methylglucoside (IRVINE and GILCHRIST), 9.

$C_9H_{16}O_7$ Dicarbethoxyglycerol (ALLPRESS and MAW), 2263.

$C_9H_{18}O_5$ Trimethyl mannitan (IRVINE and GILCHRIST), 15.

$C_9H_{20}O$ *d*-γ-Nonanol, rotatory power of ethers of (KENYON and BARNES), 1395.

$C_9H_{21}N_3$ Triethyltrimethylenetriamine, and its salts (GRAYMORE), 2284.

9 III

$C_9H_4O_2Cl_2$ 6:8-Dichlorocoumarin (DEY and ROW), 560.

$C_9H_5O_2I$ 6-Iodocoumarin (DEY and ROW), 560.

$C_9H_6O_3Cl_2$ 3:5-Dichlorocoumaric acid (DEY and ROW), 562.

$C_9H_6O_3Br_2$ 3:5-Dibromocoumaric acid (DEY and ROW), 562.

$C_9H_7O_2N$ Indole-6-carboxylic acid (KERMACK), 2291.

$C_9H_7O_2N_3$ 2-Nitrophenylglyoxalines, and their salts (PYMAN and STANLEY), 2485.

$C_9H_7O_3Cl$ 5-Chlorocoumaric acid (DEY and ROW), 562.

$C_9H_7O_3Br$ 5-Bromocoumaric acid (DEY and ROW), 562.

$C_9H_7O_5N$ 5-Nitrocoumaric acid, and its silver salt (DEY and ROW), 563.

$C_9H_7O_6N$ 2-Methylpyridine-3:4:6-tricarboxylic acid, and its salts (LAWSON, PERKIN, and ROBINSON), 638.

$C_9H_7N_3Cl_2$ 1-Dichlorophenyl-5-methyl-1:2:3-triazoles (CHATTAWAY, GARTON, and PARKES), 1991.

C_9H_8ON Phenylpyruvonitrile oxime, and its silver salt (WALKER), 1625.

$C_9H_8O_2N$ *p*-Tolyloxamonitrile (PLOWMAN and WHITELEY), 599.

$C_9H_8O_3N_2$ Nitroso-4-tetrahydroquinolone (CLEMO and PERKIN), 1619.

$C_9H_8O_3N_2$ Nitrocinnam*syn*aldoximes (BRADY and GRAYSON), 1420.

Nitro-5-methoxyindoles (BLAIKIE and PERKIN), 323.

$C_9H_9O_3Br_2$ 3:5-Dibromodihydrocoumaric acid, sodium β-sulphonate of (DEY and ROW), 559.

$C_9H_8O_7N_2$ 3:5-Dinitrodihydrocoumaric acid, sodium β-sulphonate of (DEY and ROW), 559.

C_9H_8NBr α-Bromo-β-phenylpropionitrile (BAKER and LAPWORTH), 2337.

C_9H_9ON Methoxyindoles (BLAIKIE and PERKIN), 296.

4-Tetrahydroquinolone, synthesis of (CLEMO and PERKIN), 1608.

$C_9H_9O_3I$ 5-Iododihydrocoumaric acid, sodium β-sulphonate of (DEY and ROW), 559.

$C_9H_9O_5N$ 5-Nitrodihydrocoumaric acid, β-sulphonates of (DEY and ROW), 557.

Nitro-2:3-dimethoxybenzaldehydes (PERKIN, ROBINSON, and STOYLE), 2355.

2-Nitromethoxyphenylacetic acids (BLAIKIE and PERKIN), 308.

$C_9H_{10}O_3Cl_2$ 3:5-Dichlorodihydrocoumaric acid, sodium β-sulphonate of (DEY and ROW), 558.

$C_9H_{10}O_4N_2$ 3-Nitro-*p*-methoxybenzaldoxime methyl ethers (BRADY and MANJUNATH), 1062.

$C_9H_{10}O_5N_2$ 5-Nitro-3:4-dimethoxybenz*anti*aldoxime (BRADY and MANJUNATH), 1067.

$C_9H_{11}ON$ 4-Hydroxytetrahydroquinoline (CLEMO and PERKIN), 1621.

Nitrosomesitylene, preparation of (INGOLD and PIGGOTT), 173.

$C_9H_{12}O_2N_2$ Nitrosomethyl-*p*-phenetidine (STEDMAN), 1375.

$C_9H_{12}O_6S$ 3:4:5-Trimethoxybenzenesulphonic acid ($+1\frac{1}{2}H_2O$) and its salts (ALIMCHANDANI), 541.

$C_9H_{13}O_2N$ 1-Carboxy*cyclo*hexane-1-acetimide (DICKENS, HORTON, and THORPE), 1836.

$C_9H_{13}NBr_2$ *p*-Bromophenyltrimethylammonium bromide (READE), 151.

$C_9H_{13}NBr_4$ *p*-Bromophenyltrimethylammonium perbromide (READE), 150.

$C_9H_{14}O_2Te$ Tellurium 3-*n*-butylacetylacetone (MORGAN and HOLMES), 763.

Tellurium dibutyrylmethane (MORGAN and THOMASON), 757.

Tellurium 3:3-diethylacetylacetone (MORGAN and DREW), 750.

Tellurium dipropionylethylmethane (MORGAN and DREW), 749.

Tellurium 3-ethyl-*n*-butyrylacetone (MORGAN and DREW), 748.

Tellurium *n*-hexoylacetone (MORGAN and HOLMES), 762.

$C_9H_{15}ON$ ψ-Pelletierine, synthesis of (MENZIES and ROBINSON), 2163.

$C_9H_{15}O_2N$ *cyclo*Hexylmalonamic acid (ROBINSON), 228.

$C_9H_{16}O_2N_2$ 1-Carbamyl*cyclo*hexane-1-acetamide (DICKENS, HORTON, and THORPE), 1837.

Nitrosotriacetonamine, influence of colloids on the decomposition of (FINDLAY and THOMAS), 1244.

$C_9H_{18}O_2N_2$ *n*- and *iso*-Butylmalondimethylamides (WEST), 719.

9 IV

$C_9H_4O_4NBr$ 8-Bromo-6-nitrocoumarin (DEY and ROW), 560.

$C_9H_4O_4NI$ 8-Iodo-6-nitrocoumarin (DEY and ROW), 561.

$C_9H_5O_8NHg_2$ 2:6-Diformoxydimercuri-4-nitro-3-hydroxybenzaldehyde (HENRY and SHARP), 1056.

$C_9H_6O_2NBr$ 8-Bromo-6-aminocoumarin (DEY and ROW), 561.

$C_9H_6O_2NI$ 8-Iodo-6-aminocoumarin (DEY and ROW), 561.

$C_9H_6O_5NBr$ 3-Bromo-5-nitrocoumaric acid (DEY and ROW), 563.

$C_9H_7O_6NHg$ Acetoxymercurinitrohydroxybenzaldehydes (HENRY and SHARP), 1052, 1059.

$C_9H_7O_7NHg_2$ Hydroxymercuriacetoxymercurinitro-3-hydroxybenzaldehydes (HENRY and SHARP), 1055.

$C_9H_7NCl_5I$ Chloroquinolinium tetrachloroiodides (CHATTAWAY and GARTON), 186.

$C_9H_8O_5NBr$ 3-Bromo-5-nitrodihydrocoumaric acid, sodium β-sulphonate of (DEY and ROW), 559.

$C_9H_8O_5NI$ 3-Iodo-5-nitrodihydrocoumaric acid, sodium β-sulphonate of (DEY and ROW), 559.

$C_9H_8NCl_4I$ Quinolinium tetrachloroiodide (CHATTAWAY and GARTON), 186.

$C_9H_9ONCl_2$ Dichloroacetomethylanilide, crystallography of (KNAGGS), 1443.

$C_9H_9O_3NCl$ Ethyl 4-chloro-5-methoxypyridine-2-carboxylate (YABUTA), 584.

$C_9H_9O_3N_2Cl$ *N*-Chloronitroaceto-*p*-toluidides (CHATTAWAY and DOWDEN), 1197.

$C_9H_{10}ONBr$ α-Bromo-β-phenylpropionamide (BAKER and LAPWORTH), 2338.

$C_9H_{10}O_2NBr$ 3-Bromo-*p*-methoxybenzaldoxime methyl ethers (BRADY and MANJUNATH), 1065.

$C_9H_{12}NClBr$ *p*-Bromophenyltrimethylammonium chloride (READE), 154.

$C_9H_{12}NCl_2Br_3$ *p*-Bromophenyltrimethylammonium bromide dichloride (READE), 156.

$C_9H_{13}NBrI_3$ *p*-Bromophenyltrimethylammonium tri-iodide (READE), 152.
$C_9H_{13}NBr_2I_2$ *p*-Bromophenyltrimethylammonium bromide di-iodide (READE), 155.
$C_9H_{13}NBr_3I$ *p*-Bromophenyltrimethylammonium bromide iodobromide (READE), 154.
$C_9H_{14}O_2Cl_2Te$ Tellurium 3-*n*-butylacetylacetone dichloride (MORGAN and HOLMES), 763.
Tellurium dibutyrylmethane dichloride (MORGAN and THOMASON), 757.
Tellurium diethylacetylacetone dichloride (MORGAN and DREW), 750.
Tellurium dipropionylethylmethane dichloride (MORGAN and DREW), 748.
Tellurium 3-ethyl-*n*-butyrylacetone dichloride (MORGAN and DREW), 747.
Tellurium *n*-hexoylacetone dichloride (MORGAN and HOLMES), 762.
$C_9H_{15}O_2Cl_3Te$ Tellurium dibutyrylmethane trichloride (MORGAN and THOMASON), 757.
Tellurium *O*-ethyl-*n*-butyrylacetone trichloride (MORGAN, DREW, and PORTER), 738.
Tellurium *O*-ethyl*iso*butyrylacetone trichloride (MORGAN and DREW), 743.
Tellurium *O*-ethylpropionylmethane trichloride (MORGAN, DREW, and ACKERMAN), 741.
$C_9H_{17}O_2N_2Br$ α-Bromo-α′-*n*-*iso*-butylmalondimethylamides (WEST), 719.

9 V

$C_9H_7O_2N_2Cl_4I$ 6-Nitroquinolinium tetrachloroiodide (CHATTAWAY and GARTON), 186.
C_9H_9ONClI Chloroiodoacetobenzylamide (MCKIE), 1076.
Chloroiodoacetomethylanilide (MCKIE), 1076.
$C_9H_9ONCl_2S$ Ethyl 2:4-dichlorophenylthiocarbamate (CHATTAWAY, HARDY, and WATTS), 1554.
$C_9H_9ONBr_2S$ Ethyl 2:4-dibromophenylthiocarbamate (CHATTAWAY, HARDY, and WATTS), 1555.
$C_9H_{13}NClBr_2I$ *p*-Bromophenyltrimethylammonium bromide iodochloride (READE), 155.
$C_9H_{13}NCl_2BrI$ *p*-Bromophenyltrimethylammonium chloride iodochloride (READE), 153.
$C_9H_{13}NCl_4BrI$ *p*-Bromophenyltrimethylammonium chloride iodotrichloride (READE), 152.

C_{10} Group.

$C_{10}H_{16}$ β-Pinene, oxidation of (HENDERSON and CHISHOLM), 107.
Sabinene, oxidation of, with chromyl chloride (HENDERSON and ROBERTSON), 765.

10 II

$C_{10}H_8O_3$ 1-Ketohydrindene-3-carboxylic acid (SPEIGHT, STEVENSON, and THORPE), 2190.
$C_{10}H_8O_4$ 3:7-Dihydroxy-2-methylchromone (ALLAN and ROBINSON), 2193.
$C_{10}H_9N$ β-Naphthylamine, hydroferricyanide of (CUMMING), 2542.
$C_{10}H_{10}O_2$ 2-Hydroxystyryl methyl ketone, isomerism of (MCGOOKIN and HEILBRON), 2099.
$C_{10}H_{10}O_3$ *p*-Anisyl β-hydroxyvinyl ketone (PRATT, ROBINSON, and WILLIAMS), 202.
4-Carboxy-2:6-dimethylbenzaldehyde (PERKIN and TAPLEY), 2435.
4-Methyl-*o*-coumaric acid, silver salt (DEY and ROW), 562.
$C_{10}H_{10}O_{10}$ Carbomethoxyfructose dicarbonate (ALLPRESS and HAWORTH), 1228.
$C_{10}H_{10}N_2$ 4- and 5-Phenyl-1-methylglyoxalines, and their salts (HAZELDINE, PYMAN, and WINCHESTER), 1436.

$C_{10}H_{11}O_2$ *n*- and *iso*-Eugenols, absorption spectra of (PURVIS), 408.
$C_{10}H_{11}N_3$ 3-Hydrazinoquinaldine (G. M. and R. ROBINSON), 833.
$C_{10}H_{12}O_2$ Eugenol, ultra-violet absorption spectrum of (THOMPSON), 962.
$C_{10}H_{12}O_3$ 4-Methyldihydrocoumaric acid, sodium β-sulphonate of (DEY and ROW), 557.
$C_{10}H_{12}N_4$ 5-Amino-4-*p*-aminophenyl-1-methylglyoxaline, dihydrochloride of (HAZELDINE, PYMAN, and WINCHESTER), 1440.
$C_{10}H_{14}O$ Carvacrol, absorption spectra of (PURVIS), 406.
Thymol, absorption spectra of (PURVIS), 406.
$C_{10}H_{14}O_2$ Camphorquinone, absorption spectra of (LOWRY and FRENCH), 1921; rotatory dispersion of (LOWRY and RICHARDS), 2511.
$C_{10}H_{14}N_2$ 1-Cyano*cyclo*heptane-1-acetonitrile (DICKENS, HORTON, and THORPE), 1840.
$C_{10}H_{16}O$ Camphor, absorption spectra of (LOWRY and FRENCH), 1921.
Citral, absorption spectra of (PURVIS), 416.
Piperitone (READ, SMITH, and HUGHESDON), 129.
Pulegone, absorption spectra of (PURVIS), 414.
$C_{10}H_{16}O_3$ α-Hydroxycampholenic acid (BURGESS), 2378.
$C_{10}H_{16}O_4$ 1-Carboxy*cyclo*heptane-1-acetic acid (DICKENS, HORTON, and THORPE), 1840.
$C_{10}H_{17}O$ Geraniol, absorption spectra of (PURVIS), 416.
l-Linalool, absorption spectra of (PURVIS), 416.
$C_{10}H_{18}O$ Citronellal, absorption spectra of (PURVIS), 416.
Menthone, absorption spectra of (PURVIS), 413.
α-Terpineol, resolution of, and its esters (FULLER and KENYON), 2304.
$C_{10}H_{18}O_2$ 3-*n*-Butylpropionylacetone, and its copper salt (MORGAN and HOLMES), 763.
$C_{10}H_{18}O_6$ Dimethyl dimethylsaccharate (MACBETH and MACKAY), 1521.
$C_{10}H_{20}O_2$ α-Methylbutaldol (INGOLD), 437.
$C_{10}H_{20}O_6$ Tetramethyl galactose, structure of (HAWORTH, RUELL, and WESTGARTH), 2468.
Tetramethyl γ-mannose (IRVINE and BURT), 1347.
Trimethyl γ-methylmannoside (IRVINE and BURT), 1346.

10 III

$C_{10}H_6O_5N_2$ 2:4-Dinitro-α-naphthol, chromammine salts of (KING), 1333.
$C_{10}H_6O_2N_2$ 6-Cyanoindole-2-carboxylic acid (KERMACK), 2289.
$C_{10}H_6O_4S$ 3-Oxy(1)thionaphthen-2-glyoxylic acid, and its salts (HART and SMILES), 878.
$C_{10}H_7O_2N$ β-Nitronaphthalene, reduction of (CUMMING and FERRIER), 1108.
Nitroso-*p*-naphthol, chromammine salt of (KING), 1334.
$C_{10}H_7O_3N$ Nitro-α-naphthols, preparation of (HODGSON and KILNER), 807.
$C_{10}H_7O_4N$ Indole-2:6-dicarboxylic acid (KERMACK), 2288.
$C_{10}H_7O_4N_3$ 2-Nitrophenylglyoxaline-4-carboxylic acids (PYMAN and STANLEY), 2487.
$C_{10}H_7O_6N_3$ 2-*m*-Nitrophenylglyoxaline-4:5-dicarboxylic acid (PYMAN and STANLEY), 2487.
$C_{10}H_7NBr_2$ 6:8-Dibromo-2-methylquinoline (LAWSON, PERKIN, and ROBINSON), 656.
$C_{10}H_8O_3Cl_2$ Methyl 3:5-dichlorocoumarate (DEY and ROW), 562.
$C_{10}H_8O_3Br_2$ Methyl 3:5-dibromocoumarate (DEY and ROW), 562.
$C_{10}H_8O_4N_4$ 4(or 5)-Nitro-5(or -4)-*p*-nitrophenyl-1-methylglyoxalines, and their salts (HAZELDINE, PYMAN, and WINCHESTER), 1439.

$C_{10}H_9ON$ 4-Methoxyquinoline, synthesis of (CLEMO and PERKIN), 1608.
$C_{10}H_9O_2N$ Methoxyindole-3-aldehydes (BLAIKIE and PERKIN), 324.
$C_{10}H_9O_2Br$ 5-Bromo-2-hydroxystyryl methyl ketone (McGOOKIN and HEILBRON), 2104.
$C_{10}H_9O_2N_3$ 4- and 5-Nitrophenyl-1-methylglyoxalines, and their salts (HAZELDINE, PYMAN, and WINCHESTER), 1438.
$C_{10}H_9O_3N$ α-Cyano-β-(3-hydroxyphenyl)-propionic acid (BAKER and LAPWORTH), 2336.
α-Cyano-β-salicylpropionic acid (BAKER and LAPWORTH), 2335.
Methoxyindole-2-carboxylic acids (BLAIKIE and PERKIN), 309.
$C_{10}H_9O_4N$ α-Cyano-β-(2:4-dihydroxyphenyl)-acrylic acid (BAKER and LAPWORTH), 2336.
$C_{10}H_9O_5N$ 2-Nitro-α-methoxycinnamic acid (BLAIKIE and PERKIN), 332.
5-Nitro-4-methylcoumaric acid, and its silver salt (DEY and ROW), 563.
$C_{10}H_9O_6N$ 2-Nitromethoxyphenylpyruvic acids (BLAIKIE and PERKIN), 308.
$C_{10}H_{10}O_3N_2$ Mesoxmono-*p*-tolylamide hydrate (PLOWMAN and WHITELEY), 602.
$C_{10}H_{10}O_5N_2$ Acetoxy-3-nitro-*p*-methoxybenzaldoximes (BRADY and MANJUNATH), 1061.
5-Nitro-*o*-methoxybenz*anti*aldoxime (BRADY and MANJUNATH), 1066.
$C_{10}H_{10}N_3Cl$ Methylpyruvonitrile-*p*-chlorophenylhydrazone (WALKER), 1624.
$C_{10}H_{11}ON$ Methoxyscatoles, and their picrates (BLAIKIE and PERKIN), 329.
$C_{10}H_{11}O_2N$ *o*-Methoxycinnamaldoximes (BRADY and GRAYSON), 1418.
$C_{10}H_{11}O_3N$ 2-Amino-α-methoxycinnamic acid (BLAIKIE and PERKIN), 333.
Benzylcyanoacetic acid (BAKER and LAPWORTH), 2334.
$C_{10}H_{11}O_3N_3$ *iso*Nitrosomalonmono-*p*-tolylamides, isomeric (PLOWMAN and WHITELEY), 598.
$C_{10}H_{11}O_4N$ *p*-Carbethoxyaminobenzoic acid (KING and MURCH), 2602.
4-Methoxy-2-aldehydophenylglycine (BLAIKIE and PERKIN), 326.
$C_{10}H_{11}O_5N$ 6-Nitroacetoveratrone (LAWSON, PERKIN, and ROBINSON), 653.
5-Nitro-3:4-dimethoxyacetophenone (BRADY and MANJUNATH), 1067.
$C_{10}H_{12}O_2N_2$ 1-Carboxy*cyclo*hexane-1-cyanoacetimide (DICKENS, HORTON, and THORPE), 1836.
1-Cyano*cyclo*hexane-1-cyanoacetic acid, salts of (DICKENS, HORTON, and THORPE), 1834.
$C_{10}H_{12}O_4N_2$ 4-Methoxy-2-aldehydophenylglycine oxime (BLAIKIE and PERKIN), 326.
$C_{10}H_{12}O_4N_2$ Mesoxmono-*p*-tolylamide dihydrate (PLOWMAN and WHITELEY), 602.
$C_{10}H_{13}O_2N$ α-Cyano*cyclo*heptylideneacetic acid (DICKENS, HORTON, and THORPE), 1839.
$C_{10}H_{13}O_2N$ 6-Aminoacetoveratrone (LAWSON, PERKIN, and ROBINSON), 653.
$C_{10}H_{13}O_3N_3$ 4-Methoxy-2-aldehydophenylglycineamide oxime (BLAIKIE and PERKIN), 325.
$C_{10}H_{14}ON_4$ Acetone-δ-anilinosemicarbazone (SUTHERLAND and WILSON), 2147.
$C_{10}H_{14}OBr$ αβ-Dibromocamphor, action of sodium methoxide and ethoxide on (BURGESS), 2376.
$C_{10}H_{14}O_2N_2$ α-Carbamyl-1-carboxy*cyclo*hexane-1-acetimide (DICKENS, HORTON, and THORPE), 1837.
1-Carbamyl*cyclo*hexane-1-cyanoacetic acid, and its sodium salt (DICKENS, HORTON, and THORPE), 1835.
$C_{10}H_{15}OCl$ Chlorocamphor, action of hydroxylamine on (BURGESS), 2375.
$C_{10}H_{15}OBr$ Bromocamphor, action of hydroxylamine on (BURGESS), 2375.
$C_{10}H_{15}O_2N$ *d*-Camphorimide, rotatory dispersion of (SINGH and BISWAS), 1895.
1-Carboxy*cyclo*heptane-1-acetimide (DICKENS, HORTON, and THORPE), 1840.

$C_{10}H_{15}O_5N$ α-Carbamyl-1-carboxy*cyclo*hexane-1-acetic acid (DICKENS, HORTON, and THORPE), 1836.

$C_{10}H_{16}O_3Te$ Tellurium 3-*n*-butylpropionylacetone (MORGAN and HOLMES), 764.

Tellurium *n*-heptoylacetone (MORGAN, DREW, and PORTER), 739.

$C_{10}H_{16}O_4S$ Camphorsulphonic acid, salicylatodiethylenediamminocobaltic salts (MORGAN and SMITH), 2002.

$C_{10}H_{17}O_2Cl$ β-Pinene monochlorohydrin (HENDERSON and KERR), 105.

$C_{10}H_{17}O_6Br$ Bromohydroxytricarballylic acid, lactone ester (INGOLD, OLIVER, and THORPE), 2133.

$C_{10}H_{18}O_2Cl_2$ β-Pinene dichlorohydrins (HENDERSON and KERR), 104.

$C_{10}H_{19}O_2N_3$ Methyl *n*-hexyl ketone semioxamazone (WILSON and PICKERING), 1153.

$C_{10}H_{19}O_6N$ Substance, from tetramethylgluconamide and sodium hypochlorite (IRVINE and PRYDE), 1048.

$C_{10}H_{21}O_6N$ Tetramethylgluconamide (IRVINE and PRYDE), 1047.

10 IV

$C_{10}H_5O_2N_2Cl_2$ Chloromalein-*p*-chloroanil (CHATTAWAY and PARKES), 467.

$C_{10}H_5O_8N_2S$ 2:4-Dinitro-α-naphthol-7-sulphonic acid, chromammine and cobaltammine salts of (KING), 1333.

$C_{10}H_6O_2NCl$ Chloromaleinanil (CHATTAWAY and PARKES), 466.

$C_{10}H_7O_3N_2Cl_3$ 1-2:4-Dichlorophenyl-3-methyl-4-oximino-5-pyrazolone (CHATTAWAY and STROUTS), 2427.

1-Dichlorophenyl-5-methyl-1:2:3-triazole-4-carboxylic acids (CHATTAWAY, GARTON, and PARKES), 1989.

$C_{10}H_7O_2N_3Br_2$ 1-(2:4-Dibromophenyl)-5-methyl-1:2:3-triazole-4-carboxylic acid (CHATTAWAY, GARTON, and PARKES), 1990.

$C_{10}H_8ONCl$ 3-Chloromethoxyquinolines (BLAIKIE and PERKIN), 325.

$C_{10}H_8ON_2Cl_2$ 1-2:4-Dichlorophenyl-3-methyl-5-pyrazolone, and its hydrochloride (CHATTAWAY and STROUTS), 2427.

$C_{10}H_8O_2N_3Cl$ 1-Chlorophenyl-4-oximino-3-methyl-5-pyrazolones (CHATTAWAY and STROUTS), 2424.

$C_{10}H_8O_5NBr$ Methyl 3-bromo-5-nitrocoumarate (DEY and ROW), 563.

$C_{10}H_9ON_2Cl$ 1-Chlorophenyl-3-methyl-5-pyrazolones, and their hydrochlorides (CHATTAWAY and STROUTS), 2424.

$C_{10}H_9O_2F_2B$ Boron benzoylacetone difluoride (MORGAN and TUNSTALL), 1965.

$C_{10}H_9O_6NHg$ Propionoxymercuri-4-nitro-3-hydroxybenzaldehyde (HENRY and SHARP), 1056.

$C_{10}H_{10}O_3NBr$ Acetyl derivative of 3-bromo-*p*-methoxybenz*anti*aldoxime (BRADY and MANJUNATH), 1064.

$C_{10}H_{10}O_5NBr$ Ethyl 3-bromo-5-nitrocoumarate (DEY and ROW), 563.

$C_{10}H_{10}NCl_4I$ 8-Methylquinolinium tetrachloroiodide (CHATTAWAY and GARTON), 186.

Quinaldinium tetrachloroiodide (CHATTAWAY and GARTON), 186.

$C_{10}H_{11}ONCl_2$ Dichloroacetoethylanilide, crystallography of (KNAGGS), 1444.

$C_{10}H_{14}O_4Cl_2Ge$ Germanium bisacetylacetone dichloride (MORGAN and DREW), 1264.

$C_{10}H_{14}O_4Br_2Ge$ Germanium bisacetylacetone dibromide (MORGAN and DREW), 1265.

$C_{10}H_{16}ONBr$ α- and α′-Bromocampholenamides (BURGESS), 2379.

$C_{10}H_{16}O_2Cl_2Te$ Tellurium 3-*n*-butylpropionylacetone dichloride (MORGAN and HOLMES), 764.

$C_{10}H_{16}O_2Cl_2Te$ Tellurium *n*-heptoylacetone dichloride (MORGAN, DREW, and PORTER), 739.

$C_{10}H_{17}O_2Cl_3Te$ Tellurium *O*-ethyl*iso*valerylacetone trichloride (MORGAN and DREW), 744.

Tellurium *n*-heptoylacetone trichloride (MORGAN, DREW, and PORTER), 738.

$C_{10}H_{22}O_8Br_6Sn_2$ Tetra-aquostannic bisacetylacetone stannibromide (MORGAN and DREW), 378.

10 V

$C_{10}H_5O_2N_2ClBr$ Chloromalein-*p*-bromoanil (CHATTAWAY and PARKES), 467.

$C_{10}H_{11}ONClI$ Chloroiodoacetoethylanilide (MCKIE), 1076.

$C_{10}H_{11}ONCl_2S$ *n*-Propyl 2:4-dichlorophenylthiocarbamate (CHATTAWAY, HARDY, and WATTS), 1554.

$C_{10}H_{11}ONBr_2S$ *n*-Propyl 2:4-dibromophenylthiocarbamate (CHATTAWAY, HARDY, and WATTS), 1555.

$C_{10}H_{13}O_3Cl_2BrS$ *d*-α-Chloro-α′-bromocamphor-π-sulphonyl chloride (MANN and POPE), 916.

10 VI

$C_{10}H_{14}O_3NCl_2BrS$ α-Bromocamphor-π-sulphondichloroamide (MANN and POPE), 913.

$C_{10}H_{15}O_3NClBrS$ *d*-Chlorobromocamphor-π-sulphonamides (MANN and POPE), 915.

C_{11} Group.

$C_{11}H_8O_7$ Methylcarboxyphthalonic acid (PERKIN and TAPLEY), 2437.

$C_{11}H_8N_2$ 3-Carboline, and its salts (LAWSON, PERKIN, and ROBINSON), 633.

5-Carboline, and its salts (ROBINSON and THORNLEY), 2169.

$C_{11}H_8N_4$ 1-α-Pyridylbenzotriazole (LAWSON, PERKIN, and ROBINSON), 632.

1-γ-Pyridylbenzotriazole, and its hydrochloride (ROBINSON and THORNLEY), 2171.

$C_{11}H_{10}O_2$ 2:6-Dimethylchromone (HALL), 2265.

$C_{11}H_{10}O_3$ 1-Ketohydrindene-3-acetic acid (SPEIGHT, STEVENSON, and THORPE), 2188.

$C_{11}H_{10}O_4$ 7-Hydroxy-3-methoxy-2-methylchromone (ALLAN and ROBINSON), 2193.

$C_{11}H_{10}O_5$ 4:6-Dimethylphthalonic acid, and its hydrate ($+H_2O$) (PERKIN and TAPLEY), 2435.

Dimethylterephthalonic acid (PERKIN and TAPLEY), 2432.

$C_{11}H_{10}O_7$ Methyldicarboxymandelic acid (PERKIN and TAPLEY), 2437.

$C_{11}H_{11}N_3$ *N*-γ-Pyridyl-*o*-phenylenediamine, and its hydrochloride (ROBINSON and THORNLEY), 2170.

$C_{11}H_{12}O$ 1-Keto-2-ethylhydrindene (SPEIGHT, STEVENSON, and THORPE), 2191.

$C_{11}H_{12}O_3$ β-Benzoylbutyric acid (HIGGINBOTHAM, LAPWORTH, and SIMPSON), 2342.

$C_{11}H_{12}O_4$ α-Acetyldihydrocoumaric acid, sodium β-sulphonate of (DEY and ROW), 558.

4-Carboxy-2:6-dimethylphenylacetic acid (PERKIN and TAPLEY), 2434.

$C_{11}H_{12}O_5$ Carboxydimethylmandelic acid (PERKIN and TAPLEY), 2433.

$C_{11}H_{12}N_2$ 3:4:5:6-Tetrahydro-5-carboline (ROBINSON and THORNLEY), 2174.

$C_{11}H_{14}O$ Acetomesitylene, oxidation of, with permanganate (PERKIN and TAPLEY), 2428.

$C_{11}H_{14}O_3$ Mesitylglyoxylic acid (PERKIN and TAPLEY), 2432.

$C_{11}H_{14}O_8$ Dimethyl *cyclo*pentanetetracarboxylate ($+H_2O$) (BERNTON, ING, and PERKIN), 1500.

$C_{11}H_{14}S_3$ Benzylidene diethylene trisulphide (RÂY), 1142.

$C_{11}H_{14}S_4$ Benzylidene diethylene tetrasulphide (RÂY), 1142.

$C_{11}H_{20}O_4$ *n*-Octylmalonic acid (ROBINSON), 228.
$C_{11}H_{22}O_2$ Undecoic acid, rhythmic crystallisation of (GARNER and RANDALL), 369.
$C_{11}H_{22}O_3$ Ethyl *d*-β-octyl carbonate, rotatory power of (HUNTER), 1394.
$C_{11}H_{22}O_6$ Tetramethyl methylgalactoside (HAWORTH, RUELL, and WESTGARTH), 2472.
Tetramethyl γ-methylmannoside (IRVINE and BURT), 1346.
$C_{11}H_{22}O_7$ Methyl tetramethyl gluconate (PRYDE), 520.

11 III

$C_{11}H_{10}O_2N_2$ 3-Amino-2-methylquinoline-4-carboxylic acid (LAWSON, PERKIN, and ROBINSON), 635.
$C_{11}H_{10}O_3Br_2$ Ethyl 3:5-dibromocoumarate (DEY and ROW), 562.
$C_{11}H_{10}O_4N_2$ Nitro-1-acetyl-5-methoxyindoles (BLAIKIE and PERKIN), 323.
$C_{11}H_{11}O_2N$ 1-Acetyl-5-methoxyindole (BLAIKIE and PERKIN), 323.
$C_{11}H_{11}O_2N_3$ 1-*o*-Tolyl-5-methyl-1:2:3-triazole-4-carboxylic acid (CHATTAWAY, GARTON, and PARKES), 1989.
$C_{11}H_{11}O_3N$ α-Cyano-β-anisylpropionic acid (BAKER and LAPWORTH), 2335.
4-Hydroxy-6:7-dimethoxyquinoline (LAWSON, PERKIN, and ROBINSON), 655.
Methyl methoxyindole-2-carboxylates (BLAIKIE and PERKIN), 309.
$C_{11}H_{11}O_3N_3$ 1-Ketohydrindene-3-carboxylic acid semicarbazone (SPEIGHT, STEVENSON, and THORPE), 2190.
$C_{11}H_{11}O_5N$ Methyl 2-nitro-α-methoxycinnamate (BLAIKIE and PERKIN), 333.
$C_{11}H_{11}O_6N$ 2-Nitrodimethoxycinnamic acids (BLAIKIE and PERKIN), 330.
$C_{11}H_{12}O_4N_2$ Acetylnitro-3:4-dimethoxybenzaldoximes (BRADY and MANJUNATH), 1066.
$C_{11}H_{13}O_3N$ Methyl 2-amino-α-methoxycinnamate (BLAIKIE and PERKIN), 333.
$C_{11}H_{12}O_3N_2$ *iso*Nitrosomalonmono-*p*-tolylamide methyl ethers (PLOWMAN and WHITELEY), 600.
$C_{11}H_{13}O_4N$ 2-Aminodimethoxycinnamic acids (BLAIKIE and PERKIN), 331.
Methyl *p*-carbethoxyaminobenzoate (KING and MURCH), 2603.
$C_{11}H_{13}N_2I$ 4(or 5)-Phenyl-1:3-dimethylglyoxalinium iodide (HAZELDINE, PYMAN, and WINCHESTER), 1437.
$C_{11}H_{14}O_2N_2$ 1-Carboxy*cyclo*heptane-1-cyanoacetimide (DICKENS, HORTON, and THORPE), 1840.
$C_{11}H_{14}O_3N_2$ α-Ketobutyric acid methoxyphenylhydrazones (BLAIKIE and PERKIN), 314.
$C_{11}H_{15}O_3N$ Nitro-2:3-dimethoxybenzaldehyde dimethyl acetals (PERKIN, ROBINSON, and STOYLE), 2358.
$C_{11}H_{15}NBr_2$ 1-Bromo*cyclo*hexane-2-pyridinium bromide (BARNETT, COOK, and PECK), 1038.
$C_{11}H_{17}O_2Br$ Methyl α-bromocampholenate (BURGESS), 2378.

11 IV

$C_{11}H_7O_2NBr_2$ 6:8-Dibromo-2-methylquinoline-4-carboxylic acid (LAWSON, PERKIN, and ROBINSON), 656.
$C_{11}H_8O_3NBr$ 8-Bromo-6-acetylaminocoumarin (DEY and ROW), 561.
$C_{11}H_8O_3NI$ 8-Iodo-6-acetylaminocoumarin (DEY and ROW), 561.
$C_{11}H_9O_8NHg_2$ Diacetoxydimercuri-2-nitro-3-hydroxybenzaldehyde (HENRY and SHARP), 1058.
$C_{11}H_{10}ON_2Cl_2$ 1-2:4-Dichlorophenyl-2:3-dimethyl-5-pyrazolone (CHATTAWAY and STROUTS), 2427.
$C_{11}H_{11}ON_2Cl$ 1-Chlorophenyl-2:3-dimethyl-5-pyrazolones (CHATTAWAY and STROUTS), 2424.
$C_{11}H_{12}ONI$ 4-Methoxyquinoline methiodide (CLEMO and PERKIN), 1618.

$C_{11}H_{12}O_4NBr$ Acetyl-6-bromo-3:4-dimethoxybenz*anti*aldoxime (Brady and Manjunath), 1067.

$C_{11}H_{13}ONS$ *n*-Butyl phenylthiocarbamate (Chattaway, Hardy, and Watts), 1556.

$C_{11}H_{31}O_3N_4Co$ Salicylatodiethylenediamminecobaltic hydroxide, salts of (Morgan and Smith), 2000.

C_{12} Group.

$C_{12}H_8O_7$ Diacetyltartaric anhydride, action of, on aromatic amines and hydrazines (Chattaway and Parkes), 466.

$C_{13}H_9N$ Pyridofluorene (Mills, Palmer, and Tomkinson), 2369.

$C_{12}H_{10}O_4$ Cinnamylidenemalonic acid, photochemical transformation of (Bowen, Hartley, Scott, and Watts), 1220.

Piperic acid, absorption spectra of (Purvis), 410.

$C_{12}H_{10}O_5$ 5-Phenyl-2:3-dihydrofuran-2:3-dicarboxylic acid (Ing and Perkin), 1827.

$C_{12}H_{10}N_2$ Harmine (Lawson, Perkin, and Robinson), 626; (Nishikawa, Perkin, and Robinson), 657.

5-Methyl-5-*iso*carboline (Robinson and Thornley), 2173.

$C_{12}H_{12}O_2$ α-Phenyl-γ-methyl-Δ$^{\alpha}$-pentinen-γ-ol-δ-one (Wilson and Hyslop), 1557.

$C_{12}H_{12}O_4$ 3:7-Dimethoxy-2-methylchromone (Allan and Robinson), 2194.

$C_{12}H_{12}O_5$ α-Benzoylethylmalonic acid (Higginbotham, Lapworth, and Simpson), 2342.

$C_{12}H_{12}N_2$ Hydrazobenzene, hydroferricyanide of (Cumming), 2542.

$C_{12}H_{14}O_{12}$ Dicarbomethoxy mannitol dicarbonate (Allpress and Haworth), 1231.

$C_{12}H_{15}N$ Hexahydrocarbazole (Perkin and Plant), 1512.

$C_{12}H_{17}N$ Octahydrocarbazole, and its picrate (Perkin and Plant), 1503.

$C_{12}H_{19}N$ Decahydrocarbazole, and its picrate (Perkin and Plant), 1509.

$C_{12}H_{20}O_9$ Tricarbethoxyglycerol (Allpress and Maw), 2263.

$C_{12}H_{20}N_2$ β-Diethylaminoethylaniline (Clemo and Perkin), 1809.

$C_{12}H_{21}N$ Dodecahydrocarbazole, and its picrate (Perkin and Plant), 1509.

$C_{12}H_{22}O_6$ *d-sec.*-Octyl tartrate, preparation and rotation of (Patterson and Buchanan), 1475.

$C_{12}H_{22}O_{11}$ Lactose, estimation of (Knecht and Hibbert), 2011.

Maltose, estimation of (Knecht and Hibbert), 2011.

Sucrose, rotatory dispersion of (Lowry and Richards), 2511; mutarotation lag in the inversion of (Pennycuick), 2049; hydrogen-ion concentration in solutions of (Taylor and Bomford), 2016; effect of catalysts on carbonisation of (Lessing and Banks), 2347; estimation of (Knecht and Hibbert), 2011.

$C_{13}H_{24}O_7$ Methyl pentamethyl gluconate (Peyde), 520.

12 III

$C_{12}H_8O_{12}N_7$ Dipicrylamide, chromammine salts of (King), 1333.

$C_{12}H_6O_2Cl_2$ 1:8-Naphthalyl chloride, preparation and properties of (Mason), 2116.

$C_{12}H_7O_3N$ 2-Methylquinoline-3:4-dicarboxylic anhydride (Lawson, Perkin, and Robinson), 634.

$C_{12}H_8O_2N_2$ 2-Methylquinoline-3:4-dicarboxylimide (Lawson, Perkin, and Robinson), 634.

$C_{12}H_8NI$ 3-Iodocarbazole (Tucker), 1148.

$C_{12}H_8N_2Cl$ Carbazole-3-diazonium chloride (+ $3H_2O$) (Tucker), 1145.

$C_{12}H_8N_2Br$ Carbazole-3-diazonium bromide (+ $2H_2O$) (Tucker), 1146.

$C_{12}H_8N_2I$ Carbazole-3-diazonium iodide (+ H_2O) (Tucker), 1147.

$C_{12}H_9O_3N$ 6-Hydroxyquinoline-5-β-acrylic acid, and its silver salt (Dey and Row), 564.

$C_{12}H_{10}O_2N_2$ Ethyl 6-cyanoindole-2-carboxylate (KERMACK), 2289.
10-Methoxy-5-keto-4:5-dihydroindolediazine (1:4) (BLAIKIE and PERKIN), 318.
$C_{12}H_{10}O_3N_2$ Benzeneazo*allo*maltol (YABUTA), 579.
$C_{12}H_{10}O_5N_2$ Ethyl 2-nitro-4-cyanophenylpyruvate (KERMACK), 2288.
$C_{12}H_{10}ClAs$ Diphenylarsenious chloride, dimorphism of (GIBSON and VINING), 910.
$C_{12}H_{11}O_5N$ 4-Hydroxy-6:7-dimethoxyquinoline-2-carboxylic acid (LAWSON, PERKIN, and ROBINSON), 654.
$C_{12}H_{11}O_6N$ 6-Nitroveratroylpyruvic acid (LAWSON, PERKIN, and ROBINSON), 654.
$C_{12}H_{12}O_2N_2$ Ketotetrahydronorharmine (NISHIKAWA, PERKIN, and ROBINSON), 661.
$C_{12}H_{13}O_3N$ Acetyl-*o*-methoxycinnamaldoximes (BRADY and GRAYSON), 1418.
Ethyl methoxyindole-2-carboxylates (BLAIKIE and PERKIN), 309.
Methyl methoxyscatole-2-carboxylates (BLAIKIE and PERKIN), 315.
$C_{12}H_{13}O_3N_3$ 1-Ketohydrindene-3-acetic acid semicarbazone (SPEIGHT, STEVENSON, and THORPE), 2188.
$C_{12}H_{13}O_4N_3$ Acetyl derivative of *iso*nitrosomalonmono-*p*-tolylamide (PLOWMAN and WHITELEY), 603.
$C_{12}H_{13}O_5N$ Phenacylsuccinic acid oxime (ING and PERKIN), 1828.
$C_{12}H_{13}O_6N$ Methyl 2-nitro-α:5-dimethoxycinnamate (BLAIKIE and PERKIN), 331.
$C_{12}H_{14}O_3N_2$ 6-Methoxy-3-β-aminoethylindole-2-carboxylic acid (NISHIKAWA, PERKIN, and ROBINSON), 662.
$C_{12}H_{15}ON$ Physostigmol ethyl ether, and its picrate (STEDMAN), 1375.
$C_{12}H_{15}ON_3$ 1-Keto-2-ethylhydrindene semicarbazone (SPEIGHT, STEVENSON, and THORPE). 2191.
$C_{12}H_{15}O_3N_3$ β-Benzoylbutyric acid semicarbazone (HIGGINBOTHAM, LAPWORTH, and SIMPSON), 2343.
$C_{12}H_{15}O_4N$ Carbethoxyamino-*p*-methoxyacetophenone (RIDGWAY and ROBINSON), 2241.
Methyl 2-amino-α:5-dimethoxycinnamate (BLAIKIE and PERKIN), 331.
$C_{12}H_{15}O_6N$ Methyl 2-cyano*cyclo*pentane-1:2:3-tricarboxylate (BERNTON, ING, and PERKIN), 1499.
$C_{12}H_{16}O_2N_2$ Ethyl 1-cyano*cyclo*hexane-1-cyanoacetate (DICKENS, HORTON, and THORPE), 1834.
$C_{12}H_{17}O_6Br$ Ethyl α-bromoaconitate (INGOLD, OLIVER, and THORPE), 2134.
$C_{12}H_{19}O_2Br$ Ethyl α-bromocampholenate (BURGESS), 2378.

12 IV

$C_{12}H_6O_2Cl_4S_2$ 2:5:2′:5-Tetrachlorodiphenyl disulphoxide (SMILES and GIBSON), 180.
$C_{12}H_6N_4Cl_{10}Pb$ 2:4-Dichlorobenzenediazonium plumbichloride (CHATTAWAY, GARTON, and PARKES), 1985.
$C_{12}H_8O_4N_3Br$ 2-Bromo-4:6-dinitrodiphenylamine (SANÉ and JOSHI), 2483.
$C_{12}H_8N_4Cl_6Pb$ Diphenyl-4:4′-bisdiazonium plumbichloride (CHATTAWAY, GARTON, and PARKES), 1986.
$C_{12}H_8N_4Cl_8I_2$ Diphenyl-4:4′-bisdiazonium octachlorodi-iodide (CHATTAWAY, GARTON, and PARKES), 1984.
$C_{12}H_{10}O_2NAs$ Phenarsazinic acid, and its salts (BURTON and GIBSON), 2276.
$C_{12}H_{11}O_2NSe$ Cyanoselenium ω-phenylacetylacetone (MORGAN and PORTER), 1273.
$C_{12}H_{11}O_2N_2Cl_2$ Ethyl 1-(2:4-dichlorophenyl)-5-methyl-1:2:3-triazole-4-carboxylate (CHATTAWAY, GARTON, and PARKES), 1989.
$C_{12}H_{11}O_2N_3Br_2$ Ethyl 1-(2:4-dibromophenyl)-5-methyl-1:2:3-triazole-4-carboxylate (CHATTAWAY, GARTON, and PARKES), 1990.
$C_{12}H_{12}O_2N_2S_2$ Aniline *p*-disulphoxide (BERE and SMILES), 2359.

$C_{12}H_{17}ONS$ *n*-Butyl *p*-tolylthiocarbamate (CHATTAWAY, HARDY, and WATTS), 1555.

$C_{12}H_{18}O_4Cl_2Ge$ Germanium bispropionylacetone dichloride (MORGAN and DREW), 1265.

$C_{12}H_4N_4Cl_6Br_6Pb$ 2:4:6-Tribromobenzenediazonium plumbichloride (CHATTAWAY, GARTON, and PARKES), 1985.

$C_{12}H_6N_4Cl_6Br_4Pb$ 2:4-Dibromobenzenediazonium plumbichloride (CHATTAWAY, GARTON, and PARKES), 1985.

$C_{12}H_7O_2NCl_2S_2$ 2:5-Dichloro-3′-nitrodiphenyl disulphide (SMILES and GIBSON), 182.

$C_{12}H_8O_4N_6Cl_6Pb$ *o*-Nitrobenzenediazonium plumbichloride (CHATTAWAY, GARTON, and PARKES), 1985.

$C_{12}H_8N_4Cl_6Br_2Pb$ *p*-Bromobenzenediazonium plumbichloride (CHATTAWAY, GARTON, and PARKES), 1985.

$C_{12}H_{19}O_3NClBrS$ *d*-α-Bromocamphor-π-sulphonethylchloroamide (MANN and POPE), 913.

C_{13} Group.

$C_{13}H_8O_6$ Benzoylcomenic acid (YABUTA), 581.

$C_{13}H_{10}O_3$ α-Naphthacoumaric acid, and its silver salt (DEY and ROW), 563

$C_{13}H_{10}O_4$ Benzoyl*allo*maltol (YABUTA), 579.

$C_{13}H_{10}O_5$ 2:4:2′:4′-Tetrahydroxybenzophenone, preparation of (SHOESMITH and HALDANE), 113.

$C_{13}H_{10}N_2$ 9-Aminoacridine (CLEMO, PERKIN, and ROBINSON), 1786.

$C_{13}H_{12}O_2$ α-Naphthyl methoxymethyl ketone (RIDGWAY and ROBINSON), 219.

$C_{13}H_{12}O_5$ 7-Acetoxy-3-methoxy-2-methylchromone (ALLAN and ROBINSON), 2193.

Carbethoxy-derivative of 7-hydroxy-4-methylcoumarin (BARGER and EATON), 2410.

$C_{13}H_{12}O_8$ α-Hydroxy-γ-benzoyltricarballylic acid (ING and PERKIN), 1827.

$C_{13}H_{12}N_2$ 9-Amino-5:10-dihydroacridine (CLEMO, PERKIN, and ROBINSON), 1785.

Diphenylformamidine, condensation of, with phenols (SHOESMITH and HALDANE), 2405.

$C_{13}H_{13}N$ Tetrahydroacridine, and its salts (PERKIN and SEDGWICK), 2446.

$C_{13}H_{14}O_2$ 4-Acetonyl-2-methyl-γ-pyran (FORSTER and HEILBRON), 343.

$C_{13}H_{14}O_5$ Dimethyl dimethylphthalonate (PERKIN and TAPLEY), 2436.

Dimethyl dimethylterephthalonate (PERKIN and TAPLEY), 2433.

$C_{13}H_{14}N_2$ Aminotetrahydroacridine, and its salts (PERKIN and SEDGWICK), 2447.

$C_{13}H_{16}O_4$ Dimethyl 4-carboxy-2:6-dimethylphenylacetate (PERKIN and TAPLEY), 2434.

$C_{13}H_{16}O_{13}$ Tricarbomethoxy galactose carbonate (ALLPRESS and HAWORTH), 1230.

$C_{13}H_{17}N$ 9-Methylhexahydrocarbazole (PERKIN and PLANT), 1512.

Octahydroacridine, and its salts (PERKIN and SEDGWICK), 2449.

$C_{13}H_{18}O$ 2-β-Phenylethyltetrahydropyran (SHAW), 1933.

$C_{13}H_{18}O_8$ Methyl *cyclo*pentane-1:2:2:3-tetracarboxylate (BERNTON, ING, and PERKIN), 1497.

$C_{13}H_{19}N$ 9-Methyloctahydrocarbazole, and its picrate (PERKIN and PLANT), 1509.

$C_{13}H_{21}N$ 9-Methyldecahydrocarbazole, and its picrate (PERKIN and PLANT), 1510.

$C_{13}H_{23}N$ 9-Methyldodecahydrocarbazole, and its picrate (PERKIN and PLANT), 1510.

$C_{13}H_{24}O_2$ *n*-Decoylacetone, and its copper salt (MORGAN and HOLMES), 764.

$C_{13}H_{28}O$ *n*-Decyldimethylcarbinol (ROBINSON), 230.

13 III

$C_{13}H_6O_3I_4$ Tetraiododihydroxybenzophenone (SPIERS), 458.

$C_{13}H_7ON_3$ Acridonediazole (CLEMO, PERKIN, and ROBINSON), 1771.

$C_{13}H_8O_5N_2$ 3:3-Dinitrobenzophenone, preparation of (BARNETT and MATTHEWS), 767.

$C_{13}H_8O_7N_4$ Nitrobenz*syn*aldoximes 2:4-dinitrophenyl ether (BRADY and TRUSZKOWSKI), 1091.

$C_{13}H_8NCl$ 9-Chloroacridine (CLEMO, PERKIN, and ROBINSON), 1775.

$C_{13}H_8N_2Cl_2$ *pp'*-Dichlorodiphenylcarbodi-imide (INGOLD), 100.

$C_{13}H_9O_2N_3$ 1-*o*-Carboxyphenyl-1:2:3-benztriazole (CLEMO, PERKIN, and ROBINSON), 1780.

$C_{13}H_9O_2As$ *o*-Carboxydiphenylarsinous anhydride (AESCHLIMANN and MCCLELAND), 2032.

$C_{13}H_9O_3As$ *o*-Carboxydiphenylarsinic anhydride (AESCHLIMANN and MCCLELAND), 2032.

$C_{13}H_9O_4Cl$ 5-Benzoyloxy-2-chloromethyl-γ-pyrone (YABUTA), 578.

$C_{13}H_9O_5N$ 4-Nitro-α-naphthacoumaric acid, and its silver salt (DEY and ROW), 564.

$C_{13}H_9O_6N_3$ *p*-Hydroxybenz*syn*aldoxime monodinitrophenyl ether (BRADY and TRUSZKOWSKI), 1092.

$C_{13}H_9N_2Cl$ Phenyl-*p*-chlorophenylcarbodi-imide (INGOLD), 97.

$C_{13}H_9N_2Br$ *p*-Bromodiphenylcarbodi-imide (INGOLD), 98.

$C_{13}H_{10}ON_2$ Anhydro-2'-aminodiphenylamine-6-carboxylic acid (CLEMO, PERKIN, and ROBINSON), 1779.

$C_{13}H_{10}O_2N_4$ 7-Nitro-1-phenyl-4-(or 6-)methyl-1:2:3-triazole (BRADY, HEWETSON, and KLEIN), 2404.

$C_{13}H_{10}O_3N_2$ *p*-Nitrobenzophenoneoximes (BRADY and MEHTA), 2300.

$C_{13}H_{10}O_5N_4$ *o*-Aminobenz*syn*aldoxime 2:4-dinitrophenyl ether (BRADY and TRUSZKOWSKI), 1091.

$C_{13}H_{10}NCl$ 9-Chlorodihydroacridine (CLEMO, PERKIN, and ROBINSON), 1775.

$C_{13}H_{10}Cl_2S_2$ 2:5-Dichloro-4'-methyldiphenyl disulphide (SMILES and GIBSON), 182.

$C_{13}H_{11}O_4N$ *allo*Maltol phenylcarbamate (YABUTA), 579.

$C_{13}H_{11}O_4As$ Benzophenone-*o*-arsinic acid (AESCHLIMANN and MCCLELAND), 2031.

$C_{13}H_{13}O_2N_3$ 2'-Aminodiphenylamine-6-carboxylic acid, and its hydrochloride (CLEMO, PERKIN, and ROBINSON), 1779.

Methoxy-5-keto-4-methyl-4:5-dihydroindolediazines(1:4) (BLAIKIE and PERKIN), 317.

Nitrotetrahydroacridine (PERKIN and SEDGWICK), 2446.

$C_{13}H_{12}O_2N_4$ Methoxy-3-keto-4-methyl-3:4-dihydro-4-carbolines (BLAIKIE and PERKIN), 317.

$C_{13}H_{12}O_3N_2$ Nitrotetrahydroacridones (PERKIN and SEDGWICK), 2442.

$C_{13}H_{12}NCl$ 5-Chlorotetrahydroacridine, and its hydrochloride (PERKIN and SEDGWICK), 2446.

$C_{13}H_{13}ON$ Tetrahydroacridone, and its salts (PERKIN and SEDGWICK), 2441.

$C_{13}H_{13}O_2N_3$ 6-Nitro-2-amino-3-(or 5-)methyldiphenylamine (BRADY, HEWETSON, and KLEIN), 2404.

$C_{13}H_{14}ON_2$ 5-Acetyl-3:4:5:6-tetrahydro-5-carboline (ROBINSON and THORNLEY), 2174.

Aminotetrahydroacridones, and their hydrochlorides (PERKIN and SEDGWICK), 2445.

Harmaline (LAWSON, PERKIN, and ROBINSON), 626; (NISHIKAWA, PERKIN, and ROBINSON), 657.

$C_{13}H_{14}O_4N_2$ *cyclo*Hexylidenenitroanthranilic acids (PERKIN and SEDGWICK), 2443.

$C_{13}H_{15}O_3N_3$ α-Phenyl-γ-methyl-Δ_α-pentinen-γ-ol-δ-one semicarbazone (WILSON and HYSLOP), 1557.

$C_{13}H_{15}O_3N$ 4-Acetoxytetrahydroquinoline (CLEMO and PERKIN), 1621.
Methoxyscatole-2-carboxylic acids (BLAIKIE and PERKIN), 314.

$C_{13}H_{15}O_6N$ Ethyl 2-nitro-α:5-dimethoxycinnamate (BLAIKIE and PERKIN), 331.

$C_{13}H_{16}O_2N_2$ Nitro-octahydroacridine, and its hydrochloride (PERKIN and SEDGWICK), 2450.

$C_{13}H_{17}ON_3$ Mesityl oxide δ-phenylsemicarbazones (WILSON and MACAULAY), 842.

$C_{13}H_{17}O_6N$ Ethyl 2-cyano*cyclo*propane-1:2:3-tricarboxylate (ING and PERKIN), 1826.

$C_{13}H_{18}O_2N_2$ Ethyl 1-cyano*cyclo*heptane-1-cyanoacetate (DICKENS, HORTON, and THORPE), 1839.

$C_{13}H_{18}O_3N$ Ethyl α-ketobutyrate *m*-methoxyphenylhydrazone (BLAIKIE and PERKIN), 315.

$C_{13}H_{19}ON$ Decahydroacridone (PERKIN and SEDGWICK), 2445.

$C_{13}H_{22}O_2Te$ Tellurium *n*-decoylacetone (MORGAN and HOLMES), 765.

$C_{13}H_{20}OS$ Ethylthiolmethylenecamphors (MANN and POPE), 917.

13 IV

$C_{13}H_8O_2N_2S$ 9-Nitrothioacridone (CLEMO, PERKIN, and ROBINSON), 1784.

$C_{13}H_9OCl_2As$ Benzophenone-*o*-dichloroarsine (AESCHLIMANN and MCCLELAND), 2030.

$C_{13}H_9O_3Br_3S$ 2:4:6-Tribromophenyl *p*-toluenesulphonate (SANÉ and JOSHI), 2482.

$C_{13}H_{10}ONCl$ *N*-*p*-Chlorophenylbenzaldoxime (INGOLD and WEAVER), 1462.

$C_{13}H_{10}ON_2Cl_2$ *pp'*-Dichlorodiphenylcarbamide (INGOLD), 100.
2:4-Di-*p*-chlorophenylmethylene-1:2:4-oxadi-imine (INGOLD), 95.

$C_{13}H_{10}ON_2Br_2$ *pp'*-Dibromodiphenylcarbamide (INGOLD), 101.
2:4-Di-*p*-bromophenylmethylene-1:2:4-oxadi-imine (INGOLD), 95.

$C_{13}H_{10}O_2ClAs$ *o*-Carboxydiphenylchloroarsine (AESCHLIMANN and MCCLELAND), 2032.

$C_{13}H_{10}N_2Cl_2S$ 2:4-Dichlorodiphenylthiocarbamide (CHATTAWAY, HARDY, and WATTS), 1555.

$C_{13}H_{10}N_2Br_2S$ 2:4-Dibromodiphenylthiocarbamide (CHATTAWAY, HARDY, and WATTS), 1555.

$C_{13}H_{11}ON_2Cl$ 2-Phenyl-4-*p*-chlorophenylmethylene-1:2:4-oxadi-imine (INGOLD), 94.

$C_{13}H_{11}ON_2Br$ 2-Phenyl-4-*p*-bromophenylmethylene-1:2:4-oxadi-imine (INGOLD), 95.

$C_{13}H_{11}O_2F_2B$ Boron dibenzoylmethane difluoride (MORGAN and TUNSTALL), 1966.

$C_{13}H_{11}O_3NS$ Benzanilide-*p*-sulphinic acid (BERE and SMILES), 2362.

$C_{13}O_{11}O_6N_2As$ Nitrobenzoyl-*p*-aminophenylarsinic acids, and their salts (KING and MURCH), 2602.

$C_{13}H_{12}O_4NAs$ Benzoyl-*p*-aminophenylarsinic acid, and its ammonium salt (KING and MURCH), 2601.

$C_{13}H_{13}ON_2Cl$ 1-*m*-Chlorophenyl-3-methyl-4-*iso*propylidene-5-pyrazolone (CHATTAWAY and STROUTS), 2425.

$C_{13}H_{13}O_3NSe$ Cyanoselenium β-phenylpropionylacetone (MORGAN and PORTER), 1275.

$C_{13}H_{13}O_4NS$ α- and *p*-Naphthalenesulphonylalanines, and their salts (COLLES and GIBSON), 2506.

$C_{13}H_{13}O_4N_2As$ Aminobenzoyl-*p*-aminophenylarsinic acids, and their salts (KING and MURCH), 2604.

$C_{13}H_{13}O_8NHg_2$ 2:4-Dipropionoxydimercuri-6-nitro-3-hydroxybenzaldehyde (HENRY and SHARP), 1054.

$C_{13}H_{14}O_4N_2S$ 5-Carboline methosulphate (ROBINSON and THORNLEY), 2173.

$C_{13}H_{14}O_7N_2As$ *s*-Diphenylcarbamide-4:4′-diarsinic acid (KING and MURCH), 2609.

$C_{13}H_{14}O_{12}Cl_{10}Sn_3$ Pentadichloroacetyl derivative of methylstannonic acid (LAMBOURNE), 2014.

$C_{13}H_{22}O_2Cl_2Te$ Tellurium *n*-decoylacetone dichloride (MORGAN and HOLMES), 765.

13 V

$C_{13}H_9ON_2ClBr$ *N*-Hydroxy-*N*- and -*N*′-*p*-chlorophenyl-*p*-bromophenylformamidines, and their salts (FARROW and INGOLD), 2550.

$C_{13}H_9O_5NBr_2S$ Dibromonitrophenyl *p*-toluenesulphonates (SANÉ and JOSHI), 2482.

$C_{13}H_9O_7N_2BrS$ 2-Bromo-4:6-dinitrophenyl *p*-toluenesulphonate (SANÉ and JOSHI), 2482.

$C_{13}H_{10}ON_2ClBr$ 2-*p*-Chlorophenyl-4-*p*-bromophenylmethylene-1:2:4-oxadi-imine (INGOLD), 101.

$C_{13}H_{11}O_4N_4ClS$ Substance, and its picrate, from 1-chloro-2:4-dinitrobenzene and phenylthiocarbamide (TAYLOR and DIXON), 247.

$C_{13}H_{12}O_2N_2ClBr$ *N*-Hydroxy-*N*′-*p*-chlorophenyl-*N*-*p*-bromophenylformamidine hydrate (FARROW and INGOLD), 2552.

C_{14} Group.

$C_{14}H_8O_4$ Alizarin, chromammine salt of (KING), 1335.

$C_{14}H_{11}N$ 2-Stilbazole, preparation and reduction of (SHAW), 1932.

9-Vinylcarbazole (CLEMO and PERKIN), 1811.

$C_{14}H_{12}N_2$ Anilinophenylacetonitrile, action of ethyl ethylidenemalonate with (HIGGINBOTHAM, LAPWORTH, and SIMPSON), 2339.

Phenyl-*p*-tolylcarbodi-imide (INGOLD), 96.

$C_{14}H_{13}N$ 1:3-Dimethylpyridofluorene (MILLS, PALMER, and TOMKINSON), 2369.

$C_{14}H_{14}N_2$ 6-Amino-9-methyl-5:10-dihydroacridine (CLEMO, PERKIN, and ROBINSON), 1774.

$C_{14}H_{14}S_5$ Dibenzyl pentasulphide, and its additive compound with piperidine (THOMAS and RIDING), 2217.

$C_{14}H_{15}N$ 9-Vinyltetrahydrocarbazole (CLEMO and PERKIN), 1813.

$C_{14}H_{15}N_3$ Dimethylaminoazobenzene, hydroferricyanide of (CUMMING), 2542.

$C_{14}H_{16}O_2$ Methoxy-4-acetonyl-2-methyl-γ-pyrans (FORSTER and HEILBRON), 346.

$C_{14}H_{16}N_2$ *o*-Hydrazotoluene hydroferricyanide (CUMMING), 2542.

$C_{14}H_{19}N$ 10-Methyloctahydroacridine, and its picrate (PERKIN and SEDGWICK), 2449.

$C_{14}H_{20}O_7$ Ethyl 5-methyl-2:3-dihydrofuran-2:3:4-tricarboxylate (ING and PERKIN), 1829.

$C_{14}H_{20}O_{10}$ Tetra-acetyl *d*-glucose, mutarotation of (BAKER, INGOLD, and THORPE), 286.

$C_{14}H_{20}O_{14}$ Tetracarbomethoxy fructose (ALLPRESS and HAWORTH), 1228.

Tetracarbomethoxy galactose (ALLPRESS and HAWORTH), 1230.

Tetracarbomethoxy glucose (ALLPRESS and HAWORTH), 1230.

$C_{14}H_{21}N$ 9-Ethyloctahydrocarbazole, and its picrate (PERKIN and PLANT), 1511.

$C_{14}H_{22}O_{10}$ Dicarbethoxydiethyl tartrate (ALLPRESS and MAW), 2263.

$C_{14}H_{23}N$ 9-Ethyldecahydrocarbazole, and its picrate (PERKIN and PLANT), 1511.

$C_{14}H_{24}O_4$ 2-Acetyl-3-*o*-methoxyphenyl-5-*o*-methoxystyryl-Δ^5-*cyclo*hexen-1-one (HEILBRON and FORSTER), 2068.

$C_{14}H_{25}N$ 9-Ethyldodecahydrocarbazole, and its picrate (PERKIN and PLANT), 1512.

14 III

$C_{14}H_8O_5S$ Thionylalizarin (GREEN), 1450.

$C_{14}H_7O_2Br_3$ 9:10-Dibromophenanthrene-2-sulphonyl bromide (HENSTOCK), 1299.

$C_{14}H_8O_3Cl_2$ *p*-Chlorobenzoic anhydride (RULE and PATERSON), 2161.

$C_{14}H_8ClBr$ 9-Chloro-10-bromoanthracene (BARNETT and COOK), 1086.

$C_{14}H_9O_4As$ *oo'*-Dicarboxydiphenylarsinous anhydride (AESCHLIMANN and MCCLELAND), 2034.

$C_{14}H_9O_5As$ *oo'*-Dicarboxydiphenylarsinic anhydride (AESCHLIMANN and MCCLELAND), 2034.

$C_{14}H_9O_7N_3$ 3:4-Methylenedioxybenz*syn*aldoxime 2:4-dinitrophenyl ether (BRADY and TRUSZKOWSKI), 1091.

$C_{14}H_9O_{12}N_7$ 2:4:6:2':4':6'-Hexanitro-3:3'-dimethyldiphenylamine (BRADY, HEWETSON, and KLEIN), 2404.

$C_{14}H_{10}O_2N_2$ 2-Methylpyridine-3:4-dicarboxylphenylimide (LAWSON, PERKIN, and ROBINSON), 639.

$C_{14}H_{10}O_3N$ 6-Nitro-9-methylacridone (CLEMO, PERKIN, and ROBINSON), 1774.

$C_{14}H_{10}O_3N_2$ 9-Nitro-*N*-methylacridone (BURTON and GIBSON), 2503.

$C_{14}H_{10}O_3S$ Anthracene-1-sulphonic acid, aniline salt (BARNETT and MATTHEWS), 1082.

$C_{14}H_{10}O_4S$ Anthronesulphonic acids, and their salts (BARNETT and MATTHEWS), 1080.

$C_{14}H_{10}O_6S_2$ Anthracenedisulphonic acids, aniline salts (BARNETT and MATTHEWS), 1082.

$C_{14}H_{10}O_7S_2$ Anthronedisulphonic acids, and their salts (BARNETT and MATTHEWS), 1080.

$C_{14}H_{10}O_8S_2$ Salicylic acid 5-disulphoxide (BERE and SMILES), 2362.

$C_{14}H_{11}ON$ 1:3-Dimethylpyridofluorenone (MILLS, PALMER, and TOMKINSON), 2369.

$C_{14}H_{11}O_6N_3$ Methoxybenz*syn*aldoximes 2:4-dinitrophenyl ethers (BRADY and TRUSZKOWSKI), 1091.

$C_{14}H_{12}ON_2$ Anhydro-2'-amino-*N*-methyldiphenylamine-6-carboxylic acid (BURTON and GIBSON), 2503.

$C_{14}H_{12}O_2N_2$ Benzildioximes, isomeric (BRADY and DUNN), 291.

$C_{14}H_{12}O_2S_2$ 3-Carboxyphenyl-4-tolyl disulphide (SMILES and GIBSON), 182.

$C_{14}H_{12}O_3N_2$ *p*-Nitrobenz*syn*aldoxime *O*-benzyl ether (BRADY and MCHUGH), 553.
p-Nitrobenzophenoneoxime methyl ethers (BRADY and MEHTA), 2302.

$C_{14}H_{12}O_4N_2$ 2'-Nitro-*N*-methyldiphenylamine-6-carboxylic acid (BURTON and GIBSON), 2502.

$C_{14}H_{12}NCl$ 9-β-Chloroethylcarbazole (CLEMO and PERKIN), 1810.

$C_{14}H_{13}O_3As$ Benzophenone-*o*-methylarsinic acid (AESCHLIMANN and MCCLELAND), 2031.

$C_{14}H_{13}O_4N_3$ Dinitrodimethyldiphenylamines (BRADY, HEWETSON, and KLEIN), 2403.

$C_{14}H_{14}ON_2$ *N*-Hydroxyphenyl-*p*-tolylformamidines, and their salts (FARROW and INGOLD), 2546.
2-Phenyl-4-*p*-totylmethylene-1:2:4-oxadi-imine (INGOLD), 94.

$C_{14}H_{14}ON_4$ Benzylidene-3-anilinosemicarbazide (SUTHERLAND and WILSON), 2146.

$C_{14}H_{14}O_2N_2$ 2'-Amino-*N*-methyldiphenylamine-6-carboxylic acid (BURTON and GIBSON), 2502.

$C_{14}H_{14}O_3N_2$ Acetylketotetrahydronorharmine (NISHIKAWA, PERKIN, and ROBINSON), 661.

$C_{14}H_{14}O_6N_2$ α- and β-Diacetyltartarophenylhydrazides (CHATTAWAY and PARKES), 469.

$C_{14}H_{15}O_2N_3$ α-Naphthyl methoxymethyl ketone semicarbazone (RIDGWAY and ROBINSON), 219.

$C_{14}H_{15}O_3N_3$ 6-Cyanoindole-2-carboxydimethylacetalylamide (KERMACK), 2289.

$C_{14}H_{15}O_4N$ Ethyl indole-2:6-dicarboxylate (KERMACK), 2287.

$C_{14}H_{15}O_5N$ 5-Ethoxy-2-carboxy-1-methylindole-3-acetic acid (STEDMAN), 1376.

$C_{14}H_{15}O_7N$ Ethyl 2-nitro-4-carbethoxyphenylpyruvate (KERMACK), 2287.

$C_{14}H_{15}N_2Cl$ β-*o*-Chlorophenylaminoethylaniline, and its hydrochloride (CLEMO and PERKIN), 1809.

$C_{14}H_{16}O_2N_2$ *o*-Dianisidine, hydroferrocyanide of (CUMMING), 2541.

N-Hydroxyphenyl-*p*-tolylformamidine hydrates (FARROW and INGOLD), 2547.

$C_{14}H_{16}O_7N_2$ Diacetyltartarophenylhydrazido-acid (CHATTAWAY and PARKES), 469.

$C_{14}H_{16}NCl$ 9-β-Chloroethyltetrahydrocarbazole (CLEMO and PERKIN), 1813.

$C_{14}H_{17}ON$ 9-β-Hydroxyethyltetrahydrocarbazole (CLEMO and PERKIN), 1811.

$C_{14}H_{17}ON_3$ Styryl *iso*butenyl ketone semicarbazone (WILSON and MACAULAY), 843.

$C_{14}H_{17}O_2N$ 3-Methyl*cyclo*hexylideneanthranilic acid (PERKIN and SEDGWICK), 2442.

Octahydroacridinecarboxylic acids (PERKIN and SEDGWICK), 2450.

$C_{14}H_{17}O_2N_3$ Benzylidene derivative of piperidinooxalylhydrazine (WILSON and PICKERING), 1155.

$C_{14}H_{17}O_5N$ Ethyl 2-phenyldimethylene-1:2-oxaimine-4:4-dicarboxylate (INGOLD and WEAVER), 1459.

$C_{14}H_{18}O_4N_2$ 5-Methoxyindole-2-carboxydimethylacetalylamide (BLAIKIE and PERKIN), 318.

$C_{14}H_{18}O_2N_2$ Phenylhydrazine diacetyltartrate (CHATTAWAY and PARKES), 468.

$C_{14}H_{19}ON$ 9-Acetyloctahydrocarbazole (PERKIN and PLANT), 1508.

$C_{14}H_{20}NI$ Octahydroacridine methiodide (PERKIN and SEDGWICK), 2450.

$C_{14}H_{22}NI$ 9-Methyloctahydrocarbazole methiodide (PERKIN and PLANT), 1510.

14 IV

$C_{14}H_9O_4BrS$ 10-Bromo-9-hydroxyphenanthrene-2-sulphonic acid, and its salts (HENSTOCK), 1298.

$C_{14}H_9O_5NS$ Nitroanthracenesulphonic acids (BARNETT and MATTHEWS), 1082.

$C_{14}H_{10}ONI$ 3-Iodo-*N*-acetylcarbazole (TUCKER), 1148.

$C_{14}H_{12}O_2NBr$ α-Bromo-β-phenylpropionic acid-β-pyridinium betaine (BARNETT, COOK, and PECK), 1039.

$C_{14}H_{12}O_3NAs$ *N*-Acetylphenarsazinic acid (BURTON and GIBSON), 2277.

$C_{14}H_{12}N_2Cl_2S$ 2:4-Dichlorophenyl-*p*-tolylthiocarbamide (CHATTAWAY, HARDY, and WATTS), 1555.

$C_{14}H_{13}ON_2Cl$ *p*-Chlorophenyl-*p*-tolylcarbamide (INGOLD), 99.

4-*p*-Chlorophenyl-2-*p*-tolylmethylene-1:2:4-oxadi-imine (INGOLD), 95.

$C_{14}H_{13}ONBr_2$ α-Bromo-β-phenylpropionic acid-β-pyridinium bromide (BARNETT, COOK, and PECK), 1039.

$C_{14}H_{13}ON_2Br$ *p*-Bromophenyl-*p*-tolylcarbamide (INGOLD), 100.

4-*p*-Bromophenyl-2-*p*-tolylmethylene-1:2:4-oxadi-imine (INGOLD), 95.

$C_{14}H_{13}O_3N_2Cl$ 9-Chloro-12-methoxy-5-keto-4:7-dimethyl-4:5-dihydroindolediazine-(1:4) (BLAIKIE and PERKIN), 322.

$C_{14}H_{13}N_2ClS$ þ-Chlorophenyltolylthiocarbamides (CHATTAWAY, HARDY, and WATTS), 1555.

$C_{14}H_{13}N_2BrS$ *p*-Bromophenyl-*p*-tolylthiocarbamide (CHATTAWAY, HARDY, and WATTS), 1555.

$C_{14}H_{14}N_4Cl_6Pb$ *o*-Toluenediazonium plumbichloride (CHATTAWAY, GARTON, and PARKES), 1985.

$C_{14}H_{16}O_4N_2S$ 5-Methyl-5-*iso*carboline methosulphate (ROBINSON and THORNLEY), 2173.

$C_{14}H_{15}O_5NCl$ Ethyl 2-*p*-chlorophenyldimethylene-1:2-oxaimine-4:4-dicarboxylate (INGOLD and WEAVER), 1460.

$C_{14}H_{16}O_5NBr$ Ethyl 2-*p*-bromophenyldimethylene-1:2-oxaimine-4:4-dicarboxylate (INGOLD and WEAVER), 1461.

$C_{14}H_{16}NCl_4I$ Dibenzylammonium tetrachloroiodide (CHATTAWAY and GARTON), 188.

$C_{14}H_{18}O_4Cl_6Te$ Dimethylpyrone tellurichloride (MORGAN and DREW), 757.

$C_{14}H_{18}O_5Cl_4Te$ Dimethylpyrone tellurioxychloride (MORGAN and DREW), 751.

$C_{14}H_{22}O_4Br_2Sn$ Stannic bis-3-ethylacetylacetone dibromide (MORGAN and DREW), 380.

14 V

$C_{14}H_{11}ONClAs$ 10-Chloro-5-acetyl-5:10-dihydrophenarsazine (BURTON and GIBSON), 2277.

$C_{14}H_{11}O\text{-}N_2ClS$ 6-Chloro-2:4-dinitro-*m*-tolyl *p*-toluenesulphonate (SANÉ and JOSHI), 2483.

$C_{14}H_{13}O_4N_2ClS$ Toluene-*p*-sulphonyl-6-chloro-5-nitro-*o*-toluidide (MORGAN and GLOVER), 1599.

$C_{14}H_{14}O_2NClS$ Toluene-*p*-sulphonyl-6-chloro-*o*-toluidide (MORGAN and GLOVER), 1599.

C_{15} Group.

$C_{15}H_{24}$ *n*- and *iso*-Cadinene (HENDERSON and ROBERTSON), 1992.

15 II

$C_{15}H_{10}N_2$ 3:4-Quinindoline, and its salts (CLEMO and PERKIN), 1618.

$C_{15}H_{10}N_4$ 1-α-Quinolylbenzotriazole (LAWSON, PERKIN, and ROBINSON), 634.

$C_{15}H_{13}N_3$ Phenylpyruvonitrilephenylhydrazone (WALKER), 1623.

$C_{15}H_{14}O$ Methyldeoxybenzoin, preparation of (MCKENZIE and ROGER), 850.

$C_{15}H_{14}N$ 11:12-Dihydroacridoxaline (CLEMO, PERKIN, and ROBINSON), 1790.

$C_{15}H_{14}N_2$ 9-Ethylaminoacridine (CLEMO, PERKIN, and ROBINSON), 1787.

$C_{15}H_{15}N_3$ 4-Tetrahydroquinolonephenylhydrazone (CLEMO and PERKIN), 1618.

$C_{15}H_{16}O_2$ Methylhydrobenzoins, optically active, dehydration of (MCKENZIE and ROGER), 2148.

$C_{15}H_{18}N_2$ *dl*-Diphenylpropylenediamine, resolution of (KIPPING and POPE), 2396.

$C_{15}H_{20}O_4$ Ethyl β-phenylglutarate (SPEIGHT, STEVENSON, and THORPE), 2190.

$C_{15}H_{26}O$ Cadinol (HENDERSON and ROBERTSON), 1995.

$C_{15}H_{28}O_2$ Cadinene glycol (HENDERSON and ROBERTSON), 1994.

15 III

$C_{15}H_7O_7N$ Pyridofluorenone-1:3:4-tricarboxylic acid (MILLS, PALMER, and TOMKINSON), 2368.

$C_{15}H_9O_6N$ Pyridofluorene-1:3:4-tricarboxylic acid (MILLS, PALMER, and TOMKINSON), 2369.

$C_{15}H_{10}O_2S$ 2-Benzoyl-3-oxy(1)thionaphthen (HALL and SMILES), 880.

$C_{15}H_{11}O_2N_3$ Nitrosoanhydrodihydroacridine-9-aminoacetic acid (CLEMO, PERKIN, and ROBINSON), 1789.

$C_{15}H_{11}O_2N$ 1:3-Dimethylpyridofluorene-4-carboxylic acid (MILLS, PALMER, and TOMKINSON), 2368.

$C_{15}H_{11}O_3Cl$ 3:7-Dihydroxy-2-phenylbenzopyrylium chloride (+ H_2O) (PRATT and ROBINSON), 192.

$C_{15}H_{11}O_4Cl$ 3:7:4′-Trihydroxy-2-phenylbenzopyrylium chloride (+ H_2O) (PRATT and ROBINSON), 192.

$C_{15}H_{11}O_5Cl$ Pelargonidin chloride (+ H_2O) (PRATT and ROBINSON), 198.

$C_{15}H_{11}N_2Br$ 2-Bromo-4:5-diphenylglyoxaline, and its salts (LAMB and PYMAN), 709.

$C_{15}H_{12}ON_2$ 9-Acetylaminoacridine (CLEMO, PERKIN, and ROBINSON), 1785.

Anhydrodihydroacridine-9-aminoacetic acid (CLEMO, PERKIN, and ROBINSON), 1788.

$C_{15}H_{12}O_2N_2$ Acridine-9-aminoacetic acid (CLEMO, PERKIN, and ROBINSON), 1786.

Anhydro-2′-acetylaminodiphenylamine-6-carboxylic acid (CLEMO, PERKIN, and ROBINSON), 1779.

$C_{15}H_{12}O_2N_4$ Phenylpyruvonitrile-*p*-nitrophenylhydrazone (WALKER), 1624.

$C_{15}H_{12}O_3Br_2$ 3:3′-Dibromoditolyl carbonate (GRIFFITH), 2627.

$C_{15}H_{12}O_4N_2$ Acetyl-*anti*-*p*-nitrobenzophenoneoxime (BRADY and MEHTA), 2303.

$C_{15}H_{12}N_3Cl$ 5-Chloro-4-phenyl-1-*p*-tolyl-1:2:3-triazole (CARNELLEY and DUTT), 2478.

$C_{15}H_{13}ON_3$ 5-Hydroxy-4-phenyl-1-*p*-tolyl-1:2:3-triazole (CARNELLEY and DUTT), 2478.

$C_{15}H_{13}O_5N_3$ Carbanilino-3-nitro-*p*-methoxybenzaldoximes (BRADY and MANJUNATH), 1063.

$C_{15}H_{13}O_7N_5$ 3:4-Dimethoxybenz*syn*aldoxime 2:4-dinitrophenyl ether (BRADY and TRUSZKOWSKI), 1092.

$C_{15}H_{13}O_7N_5$ 3-Nitro-*p*-dimethylaminobenz*syn*aldoxime 2:4-dinitrophenyl ether (BRADY and TRUSZKOWSKI), 1091.

$C_{15}H_{14}ON_2$ 9-Acetylamino-5:10-dihydroacridine (CLEMO, PERKIN, and ROBINSON), 1785.

Anhydro-2′-amino-*N*-ethyldiphenylamine-6-carboxylic acid (BURTON and GIBSON), 2504.

9-β-Hydroxyethylaminoacridine (CLEMO, PERKIN, and ROBINSON), 1792.

$C_{15}H_{14}O_4N_2$ 6-Carboxydiphenylamine-2′-aminoacetic acid (CLEMO, PERKIN, and ROBINSON), 1782.

2′-Nitro-*N*-ethyldiphenylamine-6-carboxylic acid (BURTON and GIBSON), 2504.

$C_{15}H_{14}O_5N$ *p*-Dimethylaminobenz*syn*aldoxime 2:4-dinitrophenyl ether (BRADY and TRUSZKOWSKI), 1091.

$C_{15}H_{15}ON$ Tetrahydrocarbazole-9:8-anhydropropionic acid (CLEMO and PERKIN), 1619.

$C_{15}H_{15}O_2N$ Benzo-β-hydroxyethylanilide (CLEMO and PERKIN), 1810.

$C_{15}H_{15}O_4N_3$ Nitro-2:3-dimethoxybenzylideneanilines, and their hydrochlorides (PERKIN, ROBINSON, and STOYLE), 2357.

$C_{15}H_{16}ON_2$ Acetylaminotetrahydroacridine (PERKIN and SEDGWICK), 2447.

9-β-Hydroxyethylaminodihydroacridine (CLEMO, PERKIN, and ROBINSON), 1793.

$C_{15}H_{16}ON_4$ Acetophenone-δ-anilinosemicarbazone (SUTHERLAND and WILSON), 2146.

$C_{15}H_{16}O_2N_2$ Acetylaminotetrahydroacridones (PERKIN and SEDGWICK), 2445.

2′-Amino-*N*-ethyldiphenylamine-6-carboxylic acid, and its silver salt (BURTON and GIBSON), 2504.

$C_{15}H_{16}N_6S_3$ Thiocarbohydrazidedicarbonthiophenylamide (GUHA and DE), 1217.

$C_{15}H_{17}ON_3$ Cyanomethyltetrahydroharmine (NISHIKAWA, PERKIN, and ROBINSON), 660.

$C_{15}H_{18}ON_2$ 1-*cyclo*Hexylideneamino-4-tetrahydroquinolone (CLEMO and PERKIN), 1619.

$C_{15}H_{19}ON$ Acetyloctahydroacridine (PERKIN and SEDGWICK), 2449.
$C_{15}H_{19}O_2N$ Benzoylvinyldiacetonamines, isomeric (KIPPING and GREASLEY), 2614.
$C_{15}H_{19}O_2N_3$ Acetophenone piperidinooxalylhydrazone (WILSON and PICKERING), 1155.
1-*p*-Nitrophenyl-3:5-di-*n*-propylpyrazole (MORGAN and THOMASON), 756.
$C_{15}H_{20}ON_2$ Acetylamino-octahydroacridine (PERKIN and SEDGWICK), 2447.
$C_{15}H_{20}O_4N_2$ Methoxyindole-2-carboxydimethylacetalylmethylamides (BLAIKIE and PERKIN), 316.
$C_{15}H_{21}O_2N$ β-Eucaines, salts of (KING), 48.
$C_{15}H_{21}O_2N_3$ Eserine (STEDMAN), 1373.
$C_{15}H_{22}O_2N_6$ Styryl *iso*butenyl ketone semicarbazide-semicarbazone (WILSON and MACAULAY), 844.

15 IV

$C_{15}H_{10}O_7N_2Br_2$ Dibromodinitroditolyl carbonate (GRIFFITH), 2627.
$C_{15}H_{12}O_3N_2S$ 4:5-Diphenylglyoxaline-2-sulphonic acid, salts (LAMB and PYMAN), 709.
$C_{15}H_{12}O_7N_3Br$ 5-Bromo-3:4-dimethoxybenz*syn*aldoxime 2:4-dinitrophenyl ether (BRADY and TRUSZKOWSKI), 1091.
$C_{15}H_{13}O_3N_2Br$ Carbanilino-3-bromo-*p*-methoxybenzaldoximes (BRADY and MANJUNATH), 1065.
$C_{15}H_{13}O_5N_4Br$ 3-Bromo-*p*-dimethylaminobenz*syn*aldoxime 2:4-dinitrophenyl ether (BRADY and TRUSZKOWSKI), 1092.
$C_{15}H_{14}O_2NBr$ 3-Bromo-*p*-methoxybenzaldoxime benzyl ethers (BRADY and MANJUNATH), 1064.
$C_{15}H_{14}O_3NAs$ *N*-Propionylphenarsazinic acid (BURTON and GIBSON), 2277.
$C_{15}H_{15}ONBr_2$ Bromodihydrosafrolepyridinium bromide (BARNETT, COOK, and PECK), 1038.
$C_{15}H_{15}O_2NBr_2$ Methyl α-bromo-β-phenylpropionate-β-pyridinium bromide (BARNETT, COOK, and PECK), 1039.
$C_{15}H_{15}O_2NS$ Toluene-*p*-sulphonvinylanilide (CLEMO and PERKIN), 1808.
$C_{15}H_{16}ON_6S_2$ Carbohydrazidedicarbonthiophenylamide (GUHA and DE), 1217.
$C_{15}H_{17}ONBr_2$ Bromodihydroanetholepyridinium bromide (BARNETT, COOK, and PECK), 1037.
$C_{15}H_{21}O_6ClZr$ Zirconium trisacetylacetone chloride (MORGAN and BOWEN), 1258.

15 V

$C_{15}H_{13}ONClAs$ 10-Chloro-5-propionyl-5:10-dihydrophenarsazine (BURTON and GIBSON), 2277.
$C_{15}H_{16}O_2NClS$ Toluene-*p*-sulphon-β-chloroethylanilide (CLEMO and PERKIN), 1808.
$C_{15}H_{21}O_6Cl_2CuGe$ Germanium trisacetylacetone cuprochloride (MORGAN and DREW), 1267.
$C_{15}H_{21}O_6Br_2CuGe$ Germanium trisacetylacetone cuprobromide (MORGAN and DREW), 1268.
$C_{15}H_{21}O_6Br_2CuGe$ Germanium trisacetylacetone cupribromide (MORGAN and DREW), 1268.
$C_{15}H_{21}O_6Br_3Cu_2Ge$ Germanium trisacetylacetone dicuprobromide (MORGAN and DREW), 1268.

C_{16} Group.

$C_{16}H_{10}N_2$ 2:3-Quinoquinoline (CLEMO and PERKIN), 1620.
$C_{16}H_{12}O_4$ 7-Hydroxy-3-methoxyflavone (ALLAN and ROBINSON), 2194.
$C_{16}H_{12}O_5$ Succinylfluorescein (DUTT and THORPE), 2530.

$C_{16}H_{12}N_2$ Dihydro-2:3-quinoquinoline (CLEMO and PERKIN), 1620.

$C_{16}H_{12}N_6$ 1:1′-(4:4′-Diphenylyl)-bis-1:2:3-triazole (CHATTAWAY, GARTON, and PARKES), 1988.

$C_{16}H_{12}S_2$ Phenyl-2-naphthyl disulphide (SMILES and GIBSON), 182.

$C_{16}H_{14}O_2$ 2-Methoxystyryl phenyl ketone (FORSTER and HEILBRON), 345.

$C_{16}H_{14}O_3$ 2-Hydroxy-3-methoxystyryl phenyl ketone (ROBINSON and ROBERTS), 208.

$C_{16}H_{14}O_5$ *o*- and *m*-Methoxybenzoic anhydrides (RULE and PATERSON), 2161.

$C_{16}H_{15}N_3$ Phenylpyruvonitrile-*p*-tolylhydrazone (WALKER), 1624.

$C_{16}H_{16}N_2$ 3-Methylbenzo-(5:6)-9:10:11:12-tetrahydro-4-carboline (G. M. and R. ROBINSON), 837.

$C_{16}H_{16}O_2$ Ethylhydrobenzoins, optically active, dehydration of (MCKENZIE and ROGER), 2148.

$C_{16}H_{22}N_2$ 1:4:4:6:6-Pentamethyl-3:4:5:6-tetrahydro-5-carboline (ROBINSON and THORNLEY), 2175.

$C_{16}H_{24}O_7$ Ethyl 2-acetyl*cyclo*pentane-1:2:3-tricarboxylate (BERNTON, ING, and PERKIN), 1498.

$C_{16}H_{26}O_5$ Tetramethyl dimannose (IRVINE and BURT), 1348.

$C_{16}H_{32}O_2$ Palmitic acid, sodium salt, hydration of curd fibres of (BENNETT), 1971; thallous salt (MENZIES and WILKINS), 1149.

16 III

$C_{16}H_{12}O_3N_2$ 6-Anilino-2:4-diketo-3-phenyl-2:4-dihydro-1:3-oxazine (INGOLD and WEAVER), 1460.

$C_{16}H_{13}ON$ 3-Benzylidene-4-tetrahydroquinolone (CLEMO and PERKIN), 1617.

$C_{16}H_{13}O_2N$ Benzoyl-4-tetrahydroquinolone (CLEMO and PERKIN), 1617.

$C_{16}H_{13}O_3N_3$ Benzil semioxamazone (WILSON and PICKERING), 1153.

$C_{16}H_{13}O_3Cl$ 7-Hydroxy-4′-methoxy-2-phenylbenzopyrylium chloride (PRATT, ROBINSON, and WILLIAMS), 203.

$C_{16}H_{13}O_4N$ Styrylmethylpyridinedicarboxylic acid, and its salts (LAWSON, PERKIN, and ROBINSON), 637.

$C_{16}H_{13}O_4N_3$ Nitroso-derivative of methyl acridone-9-aminoacetate (CLEMO, PERKIN, and ROBINSON), 1776.

$C_{16}H_{13}O_4Cl$ Acacetidin chloride (PRATT, ROBINSON, and WILLIAMS), 204.

$C_{16}H_{13}O_6N_3$ *o*-Methoxycinnam*syn*aldoxime 2:4-dinitrophenyl ether (BRADY and GRAYSON), 1420.

$C_{16}H_{14}ON_2$ Anhydro-5:10-dihydroacridine-9-methylaminoacetic acid (CLEMO, PERKIN, and ROBINSON), 1797.

$C_{16}H_{14}O_3N_2$ Methyl acridone-9-aminoacetate (CLEMO, PERKIN, and ROBINSON), 1776.

$C_{16}H_{15}O_2N$ Anilo-4-carboxy-2:6-dimethylbenzaldehyde (PERKIN and TAPLEY), 2435.

2-Carboxy-2:6-dimethylbenzaldehyde anilide (PERKIN and TAPLEY), 2436.

$C_{16}H_{16}O_5N_2$ Methoxyphenylpyruvic acid phenylhydrazones (BLAIKIE and PERKIN), 308.

$C_{16}H_{16}O_2N_2$ 4-Carboxy-2:6-dimethylbenzaldehyde phenylhydrazone (PERKIN and TAPLEY), 2435.

$C_{16}H_{16}O_3N_2$ 2′-Acetylamino-*N*-methyldiphenylamine-6-carboxylic acid, and its silver salt (BURTON and GIBSON), 2503.

$C_{16}H_{16}O_3N_4$ Mesoxmono-*p*-tolylamide phenylhydrazone (PLOWMAN and WHITELEY), 602.

$C_{16}H_{16}N_4S_2$ Dithio-*p*-urazine dibenzyl ether (GUHA and DE), 1217.

$C_{16}H_{17}ON_3$ Methyldeoxybenzoin semicarbazone (MCKENZIE and ROGER), 850.

$C_{16}H_{17}O_3N_3$ 4-Methoxy-2-aldehydophenylglycine phenylhydrazone (BLAIKIE and PERKIN), 326.

$C_{16}H_{17}O_4N_2$ Nitro-2:3-dimethoxybenzylidene-*p*-toluidines (PERKIN, ROBINSON, and STOYLE), 2357.

$C_{16}H_{18}O_3N_4$ Mesoxmono-*p*-tolylamide phenylhydrazone hydrate (PLOWMAN and WHITELEY), 602.

$C_{16}H_{19}O_3N_3$ *cyclo*Hexanonequinaldyl-3-hydrazone dioxide (G. M. and R. ROBINSON), 834.

$C_{16}H_{22}O_4N_2$ 5-Methoxyindole-2-carboxyacetalylamide (BLAIKIE and PERKIN), 318.

$C_{16}H_{34}O_3S$ Di-*d*-β-octyl sulphite (HUNTER), 1395.

16 IV

$C_{16}H_{10}O_2N_2S$ 2-Thionaphthen-2-quinoxalineindigotin (HART and SMILES), 880.

$C_{16}H_{10}O_3NBr_2$ 8-Bromo-6-benzoylaminocoumarin (DEY and ROW), 561.

$C_{16}H_{10}O_9N_4Na_2$ Tartrazine, estimation of, volumetrically (KNECHT), 1544.

$C_{16}H_{11}ON_4Cl_3$ 1-*m*-Chlorophenyl-3-methyl-5-pyrazolone-4-azo-2′:4′-dichlorobenzene (CHATTAWAY and STROUTS), 2425.

$C_{16}H_{11}O_2N_2Cl_3$ Chlorofumarodi-*p*-chloroanilide (CHATTAWAY and PARKES), 466.

$C_{16}H_{11}O_3NS$ Anil of 3-oxy(1)-thionaphthen-2-glyoxylic acid (HART and SMILES), 880.

$C_{16}H_{12}ON_4Cl_2$ 1-*o*- and -*p*-Chlorophenyl-3-methyl-5-pyrazolone-4-azo-*o*- and -*p*-chlorobenzenes (CHATTAWAY and STROUTS), 2426.

1-2:4-Dichlorophenyl-3-methyl-5-pyrazolone-4-azobenzene (CHATTAWAY and STROUTS), 2427.

$C_{16}H_{13}O_3N_2S$ *o*-Aminoanil of 3-oxy(1)thionaphthen-2-glyoxylic acid (HART and SMILES), 880.

3-Oxy(1)thionaphthen-2-glyoxylic acid. phenylhydrazone (HART and SMILES), 880.

$C_{16}H_{13}ON_2Cl_3$ 1-Chlorophenyl-3-methyl-4-benzylidene-5-pyrazolones (CHATTAWAY and STROUTS), 2424.

$C_{16}H_{13}O_2Cl_4Fe$ 8-Methoxy-2-phenylbenzopyrylium ferrichloride (ROBINSON and ROBERTS), 209.

$C_{16}H_{13}O_4N_2I$ Methyltetrahydroxydibenzoharmyrine hydriodide (LAWSON, PERKIN, and ROBINSON), 645.

$C_{16}H_{14}O_4ClAs$ *oo′*-Dicarbomethoxydiphenylchloroarsine (AESCHLIMANN and MCCLELAND), 2035.

$C_{16}H_{15}O_3SN$ *N*-Toluene-*p*-sulphonyltetrahydroquinolone (CLEMO and PERKIN), 1616.

$C_{16}H_{16}O_4N_2S_2$ Acetanilide-*p*-disulphoxide (BERE and SMILES), 2361.

$C_{16}H_{17}O_2NBr_2$ Ethyl α-bromo-β-phenylpropionate-β-pyridinium bromide (BARNETT, COOK, and PECK), 1039.

$C_{16}H_{17}O_4NS$ Toluene-*p*-sulphonyl-β-anilinopropionic acid (CLEMO and PERKIN), 1614.

$C_{16}H_{17}O_6N_2As$ *p′*-Carbethoxyaminobenzoyl-*p*-aminophenylarsinic acid (KING and MURCH), 2603.

$C_{16}H_{28}O_4Cl_2Te$ Tellurium bis*iso*valerylacetone dichloride (MORGAN and DREW), 744.

$C_{16}H_{28}O_4Cl_6Te$ Dimethyldihydroresorcinol tellurichloride (MORGAN and DREW), 752.

16 V

$C_{16}H_8O_2N_2ClBr_3$ Chlorofumarodi-*p*-bromoanilide (CHATTAWAY and PARKES), 467.

$C_{16}H_{14}O_3NClS$ *N*-Toluene-*p*-sulphonyl-3-chlorotetrahydroquinolone (CLEMO and PERKIN), 1616.

C_{17} Group.

$C_{17}H_{14}O_3$ 2′-Hydroxy-3′-methoxy-2-benzylidene-1-hydrindone (ROBINSON and LAWSON), 213.

$C_{17}H_{14}O_5$ Glutarylfluorescein (DUTT and THORPE), 2531.

$C_{17}H_{15}N_3$ Benzaldehydequinaldyl-3-hydrazone, and its hydrochloride (G. M. and R. ROBINSON), 834.

$C_{17}H_{16}O_3$ 2-Hydroxy-5-methylstyryl 4-methoxyphenyl ketone (ROBINSON and HUNT), 208.

$C_{17}H_{16}O_6$ 2′-Hydroxy-3:4-dimethoxymethyl-2-benzoylbenzoic acids (SIMONSEN), 722.

$C_{17}H_{17}O_3$ Di-*d*-β-octyl carbonate, rotatory power of (HUNTER), 1394.

$C_{17}H_{18}N_2$ 3:4-Dimethylbenzo-(5:6)-9:10:11:12-tetrahydro-4-*iso*carboline (G. M. and R. ROBINSON), 838.

$C_{17}H_{20}O$ Benzylidenecamphor, absorption spectra of (LOWRY and FRENCH), 1921.

$C_{17}H_{20}O_4$ Ethyl 3-*o*-methoxyphenyl-5-methyl-Δ^5-*cyclo*hexen-1-one-2- or -4-carboxylate (FORSTER and HEILBRON), 344.

$C_{17}H_{20}N_2$ 1:4-Diphenyl-2-methylpiperazines, and the *d*-camphor-β-sulphonate of the *l*-form (KIPPING and POPE), 2396.

$C_{17}H_{24}O$ 2- and 6-Benzyl-*dl*-*iso*menthones (READ, SMITH, and HUGHESDON), 134.

$C_{17}H_{36}O_2$ Di-*d*-β-octylformal, rotatory power of (HUNTER), 1393.

17 III

$C_{17}H_{10}O_5I_4$ Tetraiododiacetyldihydroxybenzophenone (SPIERS), 1458.

$C_{17}H_{11}O_4Cl$ *o*-Chlorobenzoyl derivative of 7-hydroxy-4-methylcoumarin (BARGER and EATON), 2410.

$C_{17}H_{11}O_6N$ Nitrobenzoyl derivatives of 7-hydroxy-4-methylcoumarin (BARGER and EATON), 2410.

$C_{17}H_{12}O_3S$ 2-Acetyl-3-benzoyloxy(1)thionaphthen (HART and SMILES), 881.

2-Benzoyl-3-acetoxy(1)thionaphthen (HART and SMILES), 881.

$C_{17}H_{13}O_4N$ Phenylcarbimido-derivative of 7-hydroxy-4-methylcoumarin (BARGER and EATON), 2410.

d- and *l*-β-Phthalimino-β-phenylpropionic acids (MCKENZIE and TUDHOPE), 926

$C_{17}H_{13}O_4N_3$ Dinitro-3-methylphenylnaphthylamines (BRADY, HEWETSON, and KLEIN), 2403.

$C_{17}H_{14}O_2N_2$ Acetylanhydroacridine-9-aminoacetic acid (CLEMO, PERKIN, and ROBINSON), 1789.

$C_{17}H_{14}O_3N_2$ Anhydro-5:10-dihydroacridine-9-aminodiacetic acid (CLEMO, PERKIN, and ROBINSON), 1797.

$C_{17}H_{14}O_5N_2$ *N*-*o*-Nitrobenzoylnorhydrohydrastinine (HAWORTH, PERKIN, and RANKIN), 1700.

$C_{17}H_{15}O_3N$ Benzoyl-*o*-methoxycinnam*anti*aldoxime (BRADY and GRAYSON), 1419.

$C_{17}H_{15}O_3N_3$ Nitroso-derivative of ethyl acridine-9-aminoacetate (CLEMO, PERKIN, and ROBINSON), 1786.

$C_{17}H_{15}O_4N$ Anilodimethylterephthalonic acid, aniline salt (PERKIN and TAPLEY), 2435.

$C_{17}H_{15}O_4N_3$ Nitroso-derivative of ethyl acridone-9-aminoacetate (CLEMO, PERKIN, and ROBINSON), 1777.

Nitroso-derivative of ethyl anhydro-6-carboxydiphenylamine-2′-aminoacetate (CLEMO, PERKIN, and ROBINSON), 1782.

$C_{17}H_{16}ON_2$ Acetyl-11:12-dihydroacridoxaline (CLEMO, PERKIN, and ROBINSON), 1790.

9-Acetylethylaminoacridine (CLEMO, PERKIN, and ROBINSON), 1787.

$C_{17}H_{16}O_2N_2$ Ethyl acridine-9-aminoacetate (CLEMO, PERKIN, and ROBINSON), 1786.

$C_{17}H_{16}O_3N_2$ Ethyl acridone-9-aminoacetate (CLEMO, PERKIN, and ROBINSON), 1776.

Ethyl anhydro-6-carboxydiphenylamine-2′-aminoacetate (CLEMO, PERKIN, and ROBINSON), 1782.

$C_{17}H_{16}O_3N_2$ Mesox-*p*-toluidide (PLOWMAN and WHITELEY), 597.

$C_{17}H_{16}O_4N_2$ Dimethylterephthalonic acid phenylhydrazone (PERKIN and TAPLEY), 2433.

$C_{17}H_{16}O_6N_2$ Ethyl 6-carboxy-2′-nitrodiphenylamine-*N*-acetate (LINNELL and PERKIN), 2456.

$C_{17}H_{16}O_6N_2$ Dinitroveratrone (LAWSON, PERKIN, and ROBINSON), 640.

$C_{17}H_{17}ON_3$ Dypnone semicarbazones (WILSON and MACAULAY), 841.

$C_{17}H_{17}O_2N_3$ Dibenzyl ketone semioxamazone (WILSON and PICKERING), 1153.

$C_{28}H_{17}O_3N$ β-Phthalimino-β-phenylpropiophenones, optically active (MCKENZIE and TUDHOPE), 923.

$C_{17}H_{18}O_2N_2$ 9-Aminoacridine dimethylacetal (CLEMO, PERKIN, and ROBINSON), 1795.

Acetyl derivative of 9-β-hydroxyethylaminodihydroacridine (CLEMO, PERKIN, and ROBINSON), 1794.

$C_{17}H_{18}O_3N_2$ 2′-Acetylamino-*N*-ethyldiphenylamine-6-carboxylic acid, and its silver salt (BURTON and GIBSON), 2504.

$C_{17}H_{18}O_4N_2$ Dihydroxymesox-*p*-toluidide (PLOWMAN and WHITELEY), 597.

$C_{17}H_{19}O_4N_3$ *iso*Nitrosomalon-*p*-toluidide (PLOWMAN and WHITELEY), 597.

$C_{17}H_{20}O_2N_2$ 9-Amino-5:10-dihydroacridine dimethylacetal (CLEMO, PERKIN, and ROBINSON), 1795.

$C_{17}H_{20}O_4N_2$ *d*-Camphor-*o*- and -*m*-nitrobenzylimides (SINGH and BISWAS), 1896.

$C_{17}H_{20}O_5N_2$ Diaminoveratrone (LAWSON, PERKIN, and ROBINSON), 641.

$C_{17}H_{20}N_6S_3$ Thiocarbohydrazidedicarbonthio-*p*-tolylamide (GUHA and DE), 1217.

$C_{17}H_{21}O_3N$ *d*-Camphorbenzylimide, rotatory dispersion of (SINGH and BISWAS), 1895.

$C_{17}H_{22}ON_2$ Tetramethyldiaminobenzhydrol, and its volumetric estimation (KNECHT), 1541.

$C_{17}H_{22}O_5N_2$ *p*-Nitrobenzyl-*d*-camphoramic acids (SINGH and BISWAS), 1897.

$C_{17}H_{23}OCl$ 2-Benzylidene-*dl*-*iso*menthone hydrochlorides (READ, SMITH, and HUGHESDON), 133.

$C_{17}H_{23}O_3N$ Benzyl-*d*-camphoramic acid, rotatory dispersion of (SINGH and BISWAS), 1895.

$C_{17}H_{24}O_4N_2$ 5-Methoxyindole-2-carboxyacetalylmethylamide (BLAIKIE and PERKIN), 318.

$C_{17}H_{25}ON_3$ Acetyltriacetonamine phenylhydrazone (ROBINSON and THORNLEY), 2174.

17 IV

$C_{17}H_{12}ON_2Cl_2$ 1-2:4-Dichlorophenyl-3-methyl-4-benzylidene-5-pyrazolone (CHATTAWAY and STROUTS), 2427.

$C_{17}H_{13}O_2Cl_4Fe$ 8-Methoxy-2:3-indeno(1:2)benzopyrylium ferrichloride (ROBINSON and LAWSON), 213.

$C_{17}H_{15}OCl_4Fe$ 2-Phenyl-3:4′-dimethylbenzopyrylium ferrichloride (ROBINSON and DAS), 211.

$C_{17}H_{15}O_2Cl_4Fe$ 8-Ethoxy-2-phenylbenzopyrylium ferrichloride (RIDGWAY and ROBINSON), 216.

4′-Methoxy-2-phenyl-6-methylbenzopyrylium ferrichloride (ROBINSON and LUNT), 208.

$C_{17}H_{15}O_3Cl_4Fe$ 6:4′-Dimethoxy-2-phenylbenzopyrylium ferrichloride (RIDGWAY and ROBINSON), 221.

8:4′-Dimethoxy-2-phenylbenzopyrylium ferrichloride (ROBINSON and WILLIAMS), 209.

Dimethylchrysinidin ferrichloride (PRATT, ROBINSON, and WILLIAMS), 201.

$C_{17}H_{16}O_6NCl$ 2:4-Diacetoxy-2′:4′-dihydroxybenzophenoneimine hydrochloride (SHOESMITH and HALDANE), 114.

$C_{17}H_{19}O_4NS$ Methyl toluene-*p*-sulphonyl-β-anilinopropionate (CLEMO and PERKIN), 1615.

$C_{17}H_{20}ON_6S_2$ Carbohydrazidedicarbonthio-*p*-tolylamide (GUHA and DE), 1217.

C_{18} Group.

$C_{18}H_{12}O_3$ 1-Benzoylnaphthalene-8-carboxylic acid (MASON), 2119.

$C_{18}H_{12}N_2$ 4:4′-Diquinolyl (CLEMO and PERKIN), 1622.

$C_{18}H_{13}N_3$ 2:2′-Diquinolylamine, and its salts (HAMER), 1353.

$C_{18}H_{14}O_4$ Phenylacetyl derivative of 7-hydroxy-4-methylcoumarin (BARGER and EATON), 2410.

$C_{18}H_{14}N_2$ 1:2-Dihydro-4:4′-diquinolyl (CLEMO and PERKIN), 1622.

$C_{18}H_{14}N_4$ 3:4-Diamino-7:12-dihydroacenaphthaphenazine (SIRCAR and GUHA), 339.

$C_{18}H_{16}O_5$ *as*-Dimethylsuccinylfluorescein (DUTT and THORPE), 2530.

1:2:8-Trimethoxymethylanthraquinones (SIMONSEN), 724.

$C_{18}H_{16}N_2$ *s*-Diphenyl-*o*-phenylenediamine (CLEMO, PERKIN, and ROBINSON), 1781.

1:2:1′:2′-Tetrahydro-4:4′-diquinolyl (CLEMO and PERKIN), 1621.

$C_{18}H_{17}N$ 9-Phenyltetrahydrocarbazole (LINNELL and PERKIN), 2459.

$C_{18}H_{18}O_6$ 2′:3:4-Trimethoxymethyl-2-benzoylbenzoic acids (SIMONSEN), 723.

$C_{18}H_{26}O_{14}$ Tetracarbethoxy fructose (ALLPRESS and HAWORTH), 1229.

$C_{18}H_{34}O_2$ Oleic acid, potassium salt, electrolysis of (HOLROYD and RHODES), 438; thallous salt (MENZIES and WILKINS), 1150.

$C_{18}H_{34}O_4$ Di-*l*-octyl oxalate, rotatory power of (LOWRY and RICHARDS), 1596.

$C_{18}H_{36}O_3$ γ-Hydroxystearic acid (CLUTTERBUCK), 2330.

18 III

$C_{18}H_8O_4N_4$ 3:4-Dinitroacenaphthaphenazine (SIRCAR and GUHA), 338.

$C_{18}H_{11}O_2Cl$ 1:8-Benzoylnaphthoyl chloride (MASON), 2121.

$C_{18}H_{12}O_2N_2$ 3:4-Dihydroxy-7:12-dihydroacenaphthaphenazine (SIRCAR and GUHA), 340.

$C_{18}H_{13}O_7N$ 10-Nitrodiacetyldeoxyalizarin (GOODALL and PERKIN), 476.

$C_{18}H_{14}O_5N_2$ *m*-Acetylbenzeneazo-β-naphthol-6-sulphonic acid, triammonium roseocobaltic salt (MORGAN, SMITH, and STANLEY), 1739.

$C_{18}H_{14}N_2S_2$ Substance, from sulphur and aniline (HODGSON), 1858.

$C_{18}H_{14}N_2S_3$ Substance, from sulphur and aniline (HODGSON), 1857.

$C_{18}H_{16}ON_2$ 5-Cyano-2-keto-1:5-diphenyl-4-methylpyrrolidine (HIGGINBOTHAM, LAPWORTH, and SIMPSON), 2342.

$C_{18}H_{16}O_2N_2$ Nitro-9-phenyltetrahydrocarbazole (LINNELL and PERKIN), 2459.

$C_{18}H_{16}O_4N_6$ Benzil disemioxamazone (WILSON and PICKERING), 1153.

$C_{18}H_{17}O_4N_3$ *p*-Nitrobenzeneazo-β-phenylpropionylacetone (MORGAN and PORTER), 1274.

$C_{18}H_{17}O_4Cl$ 3-Hydroxy-4′-methoxy-8-ethoxy-2-phenylbenzopyrylium chloride ($+\frac{1}{2}H_2O$) (RIDGWAY and ROBINSON), 2242.

$C_{18}H_{17}O_5Cl$ 7-Hydroxy-3:5:4′-trimethoxy-2-phenylbenzopyrylium chloride (PRATT and ROBINSON), 196.

$C_{18}H_{17}O_6N$ 6-Nitro-3:4-dimethoxyphenyl 4-methoxystyryl ketone (LAWSON, PERKIN, and ROBINSON), 653.

$C_{18}H_{18}O_2N_2$ 2-Keto-1:5-diphenyl-4-methylpyrrolidine-5-carboxylamide (HIGGINBOTHAM, LAPWORTH, and SIMPSON), 2342.

$C_{18}H_{18}O_3N_2$ 11-Nitro-10-hydroxy-9-phenylhexahydrocarbazole (LINNELL and PERKIN), 2459.

$C_{18}H_{18}O_4N_2$ Phenacylsuccinic acid phenylhydrazone (ING and PERKIN), 1828.

$C_{18}H_{19}O_3N$ *o*-Anilinobenzoylvaleric acid (LINNELL and PERKIN), 2459.

$C_{18}H_{19}O_4N_3$ *iso*Nitrosomalon-*p*-toluidide methyl ethers (PLOWMAN and WHITELEY), 596.

$C_{18}H_{20}O_2N_2$ 4:4′-Dihydroxy-1:2:3:4:1′:2′:3′:4′-octahydro-4:4′-diquinolyl (CLEMO and PERKIN), 1620.

$C_{18}H_{21}O_4N_3$ *iso*Nitrosomalon-*p*-toluidide *O*-methyl ether hydrate (PLOWMAN and WHITELEY), 597.

$C_{18}H_{22}O_4N_4$ Phenylglucosazone, estimation of, volumetrically (KNECHT), 1545.

$C_{18}H_{25}O_2Cl$ *l*-Menthyl phenylchloroacetates, diastereoisomeric, racemisation of (MCKENZIE and SMITH), 1592.

$C_{18}H_{25}O_2Br$ *l*-Menthyl phenylbromoacetates, diastereoisomeric, racemisation of (MCKENZIE and SMITH), 1582.

$C_{18}H_{27}ON_3$ 6-Benzyl-*dl*-*iso*menthone semicarbazone (READ, SMITH, and HUGHESDON), 135.

$C_{18}H_{34}O_{12}Sn_2$ Pentapropionyl derivative of methylstannonic acid (LAMBOURNE), 2015.

18 IV

$C_{18}H_9O_{18}N_5Bi$ Hexanitrotriphenylbismuthine dinitrate (WILKINSON and CHALLENGER), 864.

$C_{18}H_{10}O_8N_6Br_2$ Dibromotetranitrodiphenyl-*p*-phenylenediamine (SANÉ and JOSHI), 2483.

$C_{18}H_{11}O_9N_4Bi$ Tetranitrotriphenylbismuthine dihydroxide (WILKINSON and CHALLENGER), 863.

$C_{18}H_{11}O_{14}N_6Bi$ Tetranitrotriphenylbismuthine dinitrate (WILKINSON and CHALLENGER), 862.

$C_{18}H_{12}OCl_3P$ Trichlorophenylphosphine oxides (CHALLENGER and WILKINSON), 2676.

$C_{18}H_{12}O_6N_3Bi$ Trinitrotriphenylbismuthine (WILKINSON and CHALLENGER), 863.

$C_{18}H_{13}O_{10}N_4Bi$ Dinitrotriphenylbismuthine dinitrate (WILKINSON and CHALLENGER), 863.

$C_{18}H_{15}Cl_3PBi$ Substance, from bismuth chloride and triphenylphosphine (CHALLENGER and PRITCHARD), 872.

$C_{18}H_{15}Cl_6PSb_2$ Substance, from antimony trichloride and triphenylphosphine (CHALLENGER and PRITCHARD), 871.

$C_{18}H_{16}OISb$ Triphenylstibine hydroxyiodide (WILKINSON and CHALLENGER), 860.

$C_{18}H_{17}O_2Cl_4Fe$ 8-Methoxy-2-phenyl-3:4′-dimethylbenzopyrylium ferrichloride (ROBINSON and DAS), 212.

$C_{18}H_{17}O_3Cl_4Fe$ 3:7-Dimethoxy-4-phenyl-2-methylbenzopyrylium ferrichloride (ALLAN and ROBINSON), 2194.

$C_{18}H_{17}O_4Cl_4Fe$ Trimethylapigenidin ferrichloride (PRATT, ROBINSON, and WILLIAMS), 205.

Trimethylgalangidin ferrichloride (PRATT and ROBINSON), 195.

$C_{18}H_{17}O_5Cl_4Fe$ 2′-Hydroxy-8:3′:4′-trimethoxy-2-phenylbenzopyrylium ferrichloride (ROBINSON and CRABTREE), 210.

$C_{18}H_{20}O_4N_2S_2$ 4:4′-Diacetylaminoditolyl 2:2′-disulphoxide (BERE and SMILES), 2362.

$C_{18}H_{22}O_4N_2S$ 3-Methylbenzo-(5:6)-9:10:11:12-tetrahydro-4-carboline methosulphate (G. M. and R. ROBINSON), 837.

18 V

$C_{18}H_9O_{12}N_6Cl_2Bi$ Hexanitrotriphenylbismuthine dichloride (WILKINSON and CHALLENGER), 864.

$C_{18}H_{11}O_8N_4Cl_2Bi$ Tetranitrotriphenylbismuthine dichloride (WILKINSON and CHALLENGER), 862.

$C_{18}H_{13}O_4N_2Cl_2Bi$ Dinitrotriphenylbismuthine dichloride (WILKINSON and CHALLENGER), 864.

C_{19} Group.

$C_{19}H_{12}N_2$ Acenaphthatolazine (SIRCAR and GUHA), 337.

$C_{19}H_{14}O_2$ 1-Toluoylnaphthalene-8-carboxylic acid (MASON), 2122.

$C_{19}H_{14}O_4$ Cinnamoyl derivative of 7-hydroxy-4-methylcoumarin (BARGER and EATON), 2410.

$C_{19}H_{15}N_3$ 1-Methyldihydroquinolenyl-2-quinolyl-2′-imine (HAMER), 1555.

$C_{19}H_{16}O_4$ 3-Acetyl-4-phenacyldihydrocoumarin (FORSTER and HEILBRON), 345.

4-*o*-Hydroxystyracyldihydrocoumarin (HEILBRON and FORSTER), 2066.

$C_{19}H_{16}N_2$ 16:17:18:19-Tetrahydroacrindoline (CLEMO, PERKIN, and ROBINSON), 1773.

$C_{19}H_{18}O_3$ 2:2′-Dimethoxydistyryl ketone (HEILBRON and FORSTER), 2067.

$C_{19}H_{18}O_5$ $\beta\beta$-Dimethylglutarylfluorescein (DUTT and THORPE), 2531.

as-Methylethylsuccinylfluorescein (DUTT and THORPE), 2530.

$C_{19}H_{18}N_2$ 5:10:16:17:18:19-Hexahydroacrindoline (CLEMO, PERKIN, and ROBINSON), 1772.

$C_{19}H_{20}O_6$ 2-Hydroxy-4:6-dimethoxystyryl 3:4-dimethoxyphenyl ketone (PRATT, ROBINSON, and WILLIAMS), 206.

2-Hydroxy-3-methoxystyryl 2:3:4-trimethoxyphenyl ketone (ROBINSON and CRABTREE), 210.

$C_{19}H_{22}O_7$ Ethyl 5-phenyl-2:3-dihydrofuran-2:3:4-tricarboxylate (ING and PERKIN), 1826.

$C_{19}H_{24}O_7$ Ethyl α-benzoyltricarballylate (ING and PERKIN), 1828.

$C_{19}H_{26}N_2$ Quebrachamine, and its salts (FIELD), 1444.

19 III

$C_{19}H_8O_3Cl_6$ Hexachloroaurin (SPIERS), 455.

$C_{19}H_8O_3Br_6$ Hexabromoaurin (SPIERS), 455.

$C_{19}H_{10}O_4N_4$ 3:4-Dinitroacenaphthatolazine (SIRCAR and GUHA), 338.

$C_{19}H_{12}O_3Br_2$ Dibromoaurin (SPIERS), 457.

$C_{19}H_{15}O_5N$ 6:7-Dimethoxy-3′:4′-methylenedioxy-1-benzoyl*iso*quinoline, and its picrate (BUCK, HAWORTH, and PERKIN), 2182.

6:7-Methylenedioxy-3′:4′-dimethoxy-1-benzoyl*iso*quinoline (BUCK, HAWORTH, and PERKIN), 2181.

$C_{19}H_{16}ON_2$ Anhydro-2′-amino-9-phenyltetrahydrocarbazole-8-carboxylic acid (LINNELL and PERKIN), 2458.

5-Keto-5:10:16:17:18:19-hexahydroacrindoline, and its salts (CLEMO, PERKIN, and ROBINSON), 1771.

$C_{19}H_{16}O_3N_2$ 5-Cyano-2-keto-1:5-diphenyl-4-methylpyrrolidine-3-carboxylic acid (HIGGINBOTHAM, LAPWORTH, and SIMPSON), 2342.

$C_{19}H_{16}O_5N_2$ 6:7-Dimethoxy-3′:4′-methylenedioxy-1-benzoyl*iso*quinoline oxime (BUCK, HAWORTH, and PERKIN), 2183.

$C_{19}H_{16}O_5N_2$ 6:7-Methylenedioxy-3′:4′-dimethoxy-1-benzoyl*iso*quinoline oxime (BUCK, HAWORTH, and PERKIN), 2181.

$C_{19}H_{16}N_2Cl$ 2:2′-Diquinolylamine methochloride (HAMER), 1356.

$C_{19}H_{16}N_2I$ 2:2′-Diquinolylamine methiodide (HAMER), 1355.

$C_{19}H_{17}O_3P$ Triphenylmethylphosphinic acid, and its salts (BOYD and SMITH), 1477.

$C_{19}H_{17}O_5N$ 6:7-Dimethoxy-3′:4′-methylenedioxy-1-benzoyl-3:4-dihydro*iso*quinoline, and its salts (BUCK, HAWORTH, and PERKIN), 2182.

6:7-Methylenedioxy-3′:4′-dimethoxy-1-benzoyl-3:4-dihydro*iso*quinoline, and its hydriodide (BUCK, HAWORTH, and PERKIN), 2180.

$C_{19}H_{17}NBr_2$ β-Bromo-αβ-diphenylethylpyridinium bromide (BARNETT, COOK, and PECK), 1038.

$C_{19}H_{18}O_2N_2$ 2′-Amino-9-phenyltetrahydrocarbazole-8-carboxylic acid (LINNELL and PERKIN), 2458.

$C_{19}H_{18}O_5N_2$ 6:7-Dimethoxy-3′:4′-methylenedioxy-1-benzoyl-3:4-dihydro*iso*quinoline oxime (BUCK, HAWORTH and PERKIN), 2182.

6:7-Methylenedioxy-3′:4′-dimethoxy-1-benzoyl-3:4-dihydro*iso*quinoline oxime (BUCK, HAWORTH, and PERKIN), 2180.

$C_{19}H_{19}O_4N$ 1-Homopiperonyl-6:7-dimethoxy-3:4-dihydro*iso*quinoline, and its salts (BUCK and PERKIN), 1680.

1-Veratryl-6:7-methylenedioxydihydro*iso*quinoline, and its salts (HAWORTH, PERKIN, and RANKIN), 1694.

$C_{19}H_{19}O_4Cl$ 3:4′-Dimethoxy-8-ethoxy-2-phenylbenzopyrylium chloride ($+3\frac{1}{2}H_2O$) (RIDGWAY and RIDING), 2243.

$C_{19}H_{19}O_5Cl$ 3:5:7:4′-Tetramethoxy-2-phenylbenzopyrylium chloride (PRATT and ROBINSON), 197.

$C_{19}H_{20}ON_2$ 4-Acetonyl-2-methyl-γ-pyran phenylhydrazone (FORSTER and HEILBRON), 343.

$C_{19}H_{20}O_3N_2$ Diacetyl derivative of 9-β-hydroxyethylaminodihydroacridine (CLEMO, PERKIN, and ROBINSON), 1793.

$C_{19}H_{20}O_5N_2$ Ethyl 6-carboxy-2′-acetylaminodiphenylamine-*N*-acetate (LINNELL and PERKIN), 2457.

$C_{19}H_{21}O_4N$ 1-Homopiperonyl-6:7-dimethoxytetrahydro*iso*quinoline, and its salts (BUCK and PERKIN), 1681.

1-Veratryl-6:7-methylenedioxytetrahydro*iso*quinoline, and its salts (HAWORTH, PERKIN, and RANKIN), 1695.

$C_{19}H_{21}O_5N$ Homopiperonylhomoveratrylamine (BUCK and PERKIN), 1680; (HAWORTH, PERKIN, and RANKIN), 1694.

$C_{19}H_{22}O_2N_2$ Diacetyldiphenylpropylenediamines (KIPPING and POPE), 2397.

$C_{19}H_{22}O_6N_2$ Diacetylhydratoacetylharmaline (NISHIKAWA, PERKIN, and ROBINSON), 663.

19 IV

$C_{19}H_{14}O_3NAs$ *N*-Benzoylphenarsazinic acid (BURTON and GIBSON), 2278.

$C_{19}H_{15}OCl_2P$ Triphenylmethoxyphosphorus dichloride, action of alcoholic potash on (BOYD and SMITH), 1477.

$C_{19}H_{18}ONBr$ β-Hydroxy-αβ-diphenylethylpyridinium bromide (BARNETT, COOK, and PECK), 1038.

$C_{19}H_{19}O_4Cl_4Fe$ 3:4′-Dimethoxy-8-ethoxy-2-phenylbenzopyrylium ferrichloride (RIDGWAY and RIDING), 2244.

3:7-Dimethoxy-4-*p*-methoxyphenyl-2-methylbenzopyrylium ferrichloride (ALLAN and ROBINSON), 2194.

$C_{19}H_{19}O_5Cl_4Fe$ Tetramethyl-luteolidin ferrichloride (PRATT, ROBINSON, and WILLIAMS), 206.

3:5:7:4′-Tetramethoxy-2-phenylbenzopyrylium ferrichloride (PRATT and ROBINSON), 198.

$C_{19}H_{10}O_6Cl_4Fe$ 8:2′:3′:4′-Tetramethoxy-2-phenylbenzopyrylium ferrichloride (Robinson and Crabtree), 210.

19 V

$C_{19}H_{13}ONClAs$ 10-Chloro-5-benzoyl-5:10-dihydrophenarsazine (Shoesmith and Slater), 2279.

C_{20} Group.

$C_{20}H_{12}O_7$ Gallein, estimation of, volumetrically (Knecht), 1543.

$C_{20}H_{14}O_4$ Phenolphthalein, potassium salts (Bassett and Bagnall), 1366; estimation of, volumetrically (Knecht), 1543.

o-Vanillylidene-β-naphthacoumaranone (Ridgway and Robinson), 221.

$C_{20}H_{16}O_3$ 1:8-Xyloylnaphthalenecarboxylic acids (Mason), 2122.

$C_{20}H_{16}S_2$ 9-Anthryl-4-tolyl disulphide (Smiles and Gibson), 182.

$C_{20}H_{18}O_3$ 3-*o*-Hydroxyphenyl-5-*o*-hydroxystyryl-Δ^5-*cyclo*hexen-1-one (Heilbron and Forster), 2066.

$C_{20}H_{18}O_4$ 4-*o*-Hydroxystyracyldihydrocoumarin methyl ether (Heilbron and Forster), 2067.

$C_{20}H_{24}O_7$ Ethyl 2-benzoyl*cyclo*pentane-1:2:3-tricarboxylate (Bernton, Ing, and Perkin), 1498.

$C_{20}H_{20}O_5$ *as*-Diethylsuccinylfluorescein (Dutt and Thorpe), 2530.

ββ-Methylethylglutarylfluorescein (Dutt and Thorpe), 2531.

20 III

$C_{20}H_{15}ON_3$ Acetyl-2:2′-diquinolylamine (Hamer), 1355.

$C_{20}H_{15}O_4N_3$ Carbanilino-*anti*-*p*-nitrobenzophenoneoxime (Brady and Mehta), 2304.

$C_{20}H_{16}O_4N_2$ 6-Carboxydiphenylamine-2′-*o*-aminobenzoic acid (Clemo, Perkin, and Robinson), 1780.

$C_{20}H_{16}O_4N_6$ 1:1′-(4:4′-Diphenylyl)-bis-5-methyl-1:2:3-triazole-4-carboxylic acid (Chattaway, Garton, and Parkes), 1990.

$C_{20}H_{17}ON$ 2:3:3-Triphenyldimethylene-1:2-oxaimine (Ingold and Weaver), 1461.

$C_{20}H_{17}O_4N$ ψ-Berberine, and its salts (Haworth, Perkin, and Rankin), 1686.

ψ-*epi*Berberine, and its salts (Buck and Perkin), 1675.

$C_{20}H_{17}O_5N$ Oxy-ψ-berberine (Haworth, Perkin, and Rankin), 1699.

Oxy-ψ-*epi*berberine (Buck and Perkin), 1685.

$C_{20}H_{18}ON_4$ Benzophenone-3-anilinosemicarbazone (Sutherland and Wilson), 2147.

$C_{20}H_{18}O_5Zr$ Zirconium bisbenzoylacetone (Morgan and Bowen), 1260.

$C_{20}H_{18}O_6N_2$ Dihydroxydiveratrocopyrine (Lawson, Perkin, and Robinson), 651.

$C_{20}H_{18}N_3I$ 1:1′-Dimethyl-2:2′-azocyanine iodide (Hamer), 1355.

$C_{20}H_{19}O_4N$ Dihydro-ψ-berberine, and its hydrochloride (Haworth, Perkin, and Rankin), 1698.

Dihydro-ψ-*epi*berberine, and its salts (Buck and Perkin), 1685.

$C_{20}H_{19}O_5N_3$ Aminohydroxydiveratrocopyrine (Lawson, Perkin, and Robinson), 652.

$C_{20}H_{20}O_4N_2$ Methyldiveratroharmyrine (Lawson, Perkin, and Robinson), 644.

$C_{20}H_{21}O_4N$ Papaveraldine, synthesis of (Buck, Haworth, and Perkin), 2176.

Tetrahydro-ψ-berberine, and its salts (Haworth, Perkin, and Rankin), 1696.

Tetrahydro-ψ-*epi*berberine, and its salts (Buck and Perkin), 1682.

$C_{20}H_{21}O_5N$ 3-Carbethoxyamino-8-methoxy-2-phenylbenzopyranyl methyl ether (Ridgway and Robinson), 2242.

6:7:3′:4′-Tetramethoxy-1-benzoyl-3:4-dihydro*iso*quinoline, and its salts (Buck, Haworth, and Perkin), 2184.

$C_{20}H_{22}O_3N_2$ 8-Methoxy-4-acetonyl-2-methyl-γ-pyran phenylhydrazone (FORSTER and HEILBRON), 346.

$C_{20}H_{22}O_3N_2$ Succinylrhodamine (DUTT and THORPE), 2532.

$C_{20}H_{22}O_5N_2$ 6:7:3′:4′-Tetramethoxy-1-benzoyl-3:4-dihydro*iso*quinoline oxime (BUCK, HAWORTH, and PERKIN), 2184.

$C_{20}H_{23}O_4N$ 6:7:3′:4′-Tetramethoxy-1-benzyl-3:4-dihydro*iso*quinoline, and its picrate (BUCK, HAWORTH, and PERKIN), 2183.

$C_{20}H_{27}O_{11}N$ Amygdalin, synthesis of (CAMPBELL and HAWORTH), 1337.

$C_{20}H_{29}N_2I$ Quebrachamine methiodide (FIELD), 1448.

$C_{20}H_{32}O_6N_4$ *l*-α-Phellandrene nitrosites (SMITH, CARTER, and READ), 933.

$C_{20}H_{44}O_{12}Sn_3$ Pentabutyryl derivatives of methylstannonic acid (LAMBOURNE), 2015.

20 IV

$C_{20}H_{13}O_3Cl_4Fe$ 8-Methoxy-β-naphthacoumarone-(β:α-2:3)-benzopyrylium ferrichloride (RIDGWAY and ROBINSON), 221.

$C_{20}H_{14}O_2N_4Cl_2$ *m*- and *p*-Chloropyrazole-blue (CHATTAWAY and STROUTS), 2425.

$C_{20}H_{15}O_5Cl_4Fe$ 8-Methoxy-2-α-naphthylbenzopyrylium ferrichloride (ROBINSON and DAS), 212.

$C_{20}H_{15}O_8N_3S_2$ 4-Nitro-2-sulphophenyldehydrothio-*p*-toluidinesulphonic acid, and its salts (PEACOCK), 1547.

$C_{20}H_{16}O_2N_4Cl_2$ Bis-1-*p*-chlorophenyl-3-methyl-5-pyrazolone (CHATTAWAY and STROUTS), 2426.

$C_{20}H_{16}O_7N_2As$ Nitrobenzoylaminobenzoyl-*p*-aminophenylarsinic acids, and their salts (KING and MURCH), 2606.

$C_{20}H_{17}O_6N_3S_2$ 4-Amino-2-sulphophenyldehydrothio-*p*-toluidinesulphonic acid, and its potassium salt (PEACOCK), 1547.

$C_{20}H_{18}O_2N_2S$ Toluene-*p*-sulphonylamino-5:10-dihydroacridine (CLEMO, PERKIN, and ROBINSON), 1791.

$C_{20}H_{18}O_4Br_2Sn$ Stannic bisbenzoylacetone dibromide (MORGAN and DREW), 379.

$C_{20}H_{18}O_8N_2As$ Aminobenzoylaminobenzoyl-*p*-aminophenylarsinic acids (KING and MURCH), 2607.

$C_{20}H_{19}N_2SI$ 2-Methyl-1′-ethylthiothiocyanine iodides (MILLS and ODAMS), 1919.

$C_{20}H_{27}O_3NS_2$ *d*- and *l*-Camphorylidenemethylsulphine-*p*-toluenesulphonylimine (MANN and POPE), 917.

C_{21} Group.

$C_{21}H_{14}O_4$ β-Naphthoyl derivative of 7-hydroxy-4-methylcoumarin (BARGER and EATON), 2410.

$C_{21}H_{17}N$ 2:6-Distyrylpyridine (SHAW), 2363.

$C_{21}H_{18}N_2$ 10:21-Etheno-5:10:16:17:18:19-hexahydroacrindoline (CLEMO, PERKIN, and ROBINSON), 1799.

$C_{21}H_{18}N_4$ Substance, from *p*-toluidine and 5-chloro-1:4-diphenyl-1:2:3-triazole, and also from aniline and 5-chloro-4-phenyl-1-*p*-tolyl-1:2:3-triazole (CARNELLEY and DUTT), 2478.

$C_{21}H_{20}O_3$ 3-*o*-Hydroxyphenyl-5-*o*-methoxystyryl-Δ^5-*cyclo*hexen-1-one (HEILBRON and FORSTER), 2067.

$C_{21}H_{21}N_3$ Tetrahydrocarbazole-9:8-anhydropropionic acid phenylhydrazone (CLEMO and PERKIN), 1619.

$C_{21}H_{22}O_5$ ββ-Diethylglutarylfluorescein (DUTT and THORPE), 2531.

$C_{21}H_{32}N_2$ 10:21-Ethano-5:10:15:16:17:18:19:20-octahydroacrindoline (CLEMO, PERKIN, and ROBINSON), 1801.

21-Ethyl-15:16:17:18:19:20-hexahydroacrindoline (CLEMO, PERKIN, and ROBINSON), 1802.

$C_{21}H_{24}N_2$ Ethyloctahydroacrindoline (CLEMO, PERKIN, and ROBINSON), 1801.

$C_{21}H_{27}N$ 2:6-Di-β-phenylethylpiperidine, and its salts (SHAW), 2365.
$C_{21}H_{38}N_2$ Ethyldodecahydroacrindoline (CLEMO, PERKIN, and ROBINSON), 1803.

21 III

$C_{21}H_{13}O_5N_2$ Phenanthraquinone-4-azosalicylic acid (SIRCAR and ROY), 546.
$C_{21}H_{15}O_2N_3$ 2-Methylpyridine-3:4-dicarboxylanilide phenylimide (LAWSON, PERKIN, and ROBINSON), 639
$C_{21}H_{17}O_2Cl$ 3-Methoxy-2-α-naphthyl-6-methylbenzopyrylium chloride ($+3H_2O$) (RIDGWAY and ROBINSON), 219.
$C_{21}H_{17}NCl_2$ 2:6-Distyrylpyridine dichloride (SHAW), 2364.
$C_{21}H_{17}NBr_2$ 2:6-Distyrylpyridine dibromide (SHAW), 2364.
$C_{21}H_{18}ON_2$ Anhydro-5:10:16:17:18:19-hexahydroacrindoline-21-acetic acid (CLEMO, PERKIN, and ROBINSON), 1796.
$C_{21}H_{18}O_3N_2$ Anhydrocarboxyphenylaminotetrahydrocarbazoleacetic acid (CLEMO, PERKIN, and ROBINSON), 1784.
$C_{21}H_{20}O_2N_2$ Hexahydroacrindolineacetic acid (CLEMO, PERKIN, and ROBINSON), 1796.
$C_{21}H_{20}O_3N_2$ Ethyl 5-cyano-2-keto-1:5-diphenyl-4-methylpyrrolidine-3-carboxylate (HIGGINBOTHAM, LAPWORTH, and SIMPSON), 2342.
$C_{21}H_{20}O_4N_2$ 8-o-Carboxyphenylamino-1:2:3:4-tetrahydrocarbazole-9-acetic acid (CLEMO, PERKIN, and ROBINSON), 1783.
$C_{21}H_{20}O_5N_2$ Hydroxymethyldiveratrocopyrine (LAWSON, PERKIN, and ROBINSON), 650.
$C_{21}H_{21}Br_2Bi$ Tri-m-tolylbismuthine dibromide (CHALLENGER and PRITCHARD), 869.
$C_{21}H_{22}O_2N_2$ Strychnine (CLEMO, PERKIN, and ROBINSON), 1751.
$C_{21}H_{23}O_5N$ 3-Carbethoxyamino-8-methoxy-2-phenylbenzopyranyl ethyl ether (RIDGWAY and ROBINSON), 2242.
$C_{21}H_{24}ON_2$ 21-β-Hydroxyethyl-5:10:15:16:17:18:19:20-octahydroacrindoline (CLEMO, PERKIN, and ROBINSON), 1798.
$C_{21}H_{24}O_3N_2$ Glutarylrhodamine (DUTT and THORPE), 2533.
$C_{21}H_{24}O_7N_2$ Diacetylaminoveratrone (LAWSON, PERKIN, and ROBINSON), 641.
$C_{23}H_{26}O_4N_2$ Brucine (CLEMO, PERKIN, and ROBINSON), 1751.

21 IV

$C_{21}H_{16}ON_2S$ 2-Benzoyl-3-oxy(1)thionaphthen phenylhydrazone (HART and SMILES), 881.
$C_{21}H_{17}O_2Cl_4Fe$ 3-Methoxy-2-α-naphthyl-6-methylbenzopyrylium ferrichloride (RIDGWAY and ROBINSON), 219.
$C_{21}H_{18}ON_3I$ Acetyl-2:2′-diquinolylamine monomethiodide (HAMER), 1355.
$C_{21}H_{22}OClSb$ Tri-m-tolylstibine hydroxychloride (CHALLENGER and PRITCHARD), 869.
$C_{21}H_{32}O_2N_2S$ *dl*-Benzenesulphonyldiphenylpropylenediamines, and their hydrochlorides (KIPPING and POPE), 2398.
$C_{21}H_{22}NCl_4I$ Tribenzylammonium tetrachloroiodide (CHATTAWAY and GARTON), 188.
$C_{21}H_{32}O_4N_2S$ Quebrachamine methosulphate (FIELD), 1448.

C_{22} Group.

$C_{22}H_{12}N_2$ Acenaphthanaphthazine (SIRCAR and GUHA), 337.
$C_{22}H_{16}N_4$ 3:6-Diamino-7:12-dihydronaphthanaphthazine (SIRCAR and GUHA), 340.
$C_{22}H_{20}O$ 2:5-Diphenylacetylenyl-2:5-dimethyltetrahydrofuran (WILSON and HYSLOP), 1557.
$C_{22}H_{20}O_3$ Trimethylaurin (SPIERS), 459.

$C_{22}H_{21}O_5$ *as-cyclo*Hexanesuccinylfluorescein (DUTT and THORPE), 2530.

$C_{22}H_{22}O_3$ 3-*o*-Methoxyphenyl-5-*o*-methoxystyryl-Δ^5-*cyclo*hexen-1-one (HEILBRON and FORSTER), 2067.

$C_{22}H_{22}O_4$ Ethyl 5-phenyl-3-*o*-methoxyphenyl-Δ^5-*cyclo*hexen-1-one-2-carboxylate (FORSTER and HEILBRON), 346.

$C_{22}H_{32}O_{13}$ Ethyl *dl*-amygdalinate (CAMPBELL and HAWORTH), 1340.

22 III

$C_{22}H_{10}O_4N_4$ 3:4-Dinitroacenaphthanaphthazine (SIRCAR and GUHA), 338.

$C_{22}H_{14}O_3S$ 2-Benzoyl-3-benzoyloxy(1)thionaphthen (HART and SMILES), 881.

$C_{22}H_{17}O_3N$ Diphenylsuccinanils (WREN and BURROWS), 1935.

$C_{22}H_{17}O_3Br_3$ Tribromotrimethylaurin (SPIERS), 459.

$C_{22}H_{15}O_3Cl$ 3-Methoxy-8-ethoxy-2-α-naphthylbenzopyrylium chloride ($+ 2H_2O$) (RIDGWAY and ROBINSON), 220.

$C_{22}H_{19}ON_3$ Phenyl β-phenylstyryl ketone semicarbazones (WILSON and MACAULAY), 843.

$C_{22}H_{19}O_3N$ *r*-Diphenylsuccinalic acid, resolution of (WREN and BURROWS), 1934.

$C_{22}H_{20}ON_2$ Anilo-2-carboxy-4:6-dimethylbenzaldehyde anilide (PERKIN and TAPLEY), 2436.

$C_{22}H_{20}O_2N_2$ *s*-Diacetyldiphenyl-*o*-phenylenediamine (CLEMO, PERKIN, and ROBINSON), 1781.

Diacetyltetrahydro-4:4′-diquinolyl (CLEMO and PERKIN), 1622.

$C_{22}H_{20}O_4Se_2$ Selenium ω-phenylacetylacetone (MORGAN and PORTER), 1272.

$C_{22}H_{22}O_4N_2$ Dimethyldiveratrocopyrine, and its salts (LAWSON, PERKIN, and ROBINSON), 646.

$C_{22}H_{25}O_3N$ *ON*-Dibenzoyl-α- and -β-vinyldiacetonalkamines (KING), 57.

$C_{22}H_{25}O_6N$ 3-Carbethoxyamino-4′-methoxy-8-ethoxy-2-phenylbenzopyranyl methyl ether (RIDGWAY and ROBINSON), 2242.

$C_{22}H_{26}O_3N_2$ *as*-Dimethylsuccinylrhodamine (DUTT and THORPE), 2532.

22 IV

$C_{22}H_{10}O_7N_4S$ 3:4-Dinitroacenaphthanaphthazine-5′-sulphonic acid (SIRCAR and GUHA), 339.

$C_{22}H_{12}O_3N_2S$ Acenaphthanaphthazine-5′-sulphonic acid (SIRCAR and GUHA), 338.

$C_{22}H_{19}O_3Cl_4Fe$ 3-Methoxy-8-ethoxy-2-α-naphthylbenzopyrylium ferrichloride (RIDGWAY and ROBINSON), 220.

$C_{22}H_{20}O_4Cl_2Cu$ Copper 3-chloro-ω-phenylacetylacetone (MORGAN and PORTER), 1272.

$C_{22}H_{21}O_5N_3S$ Acetyl-2:2′-diquinolylamine dimethosulphate (HAMER), 1355.

$C_{22}H_{22}O_3N_2S$ β-Hydroxyethyl derivative of toluene-*p*-sulphonylaminodihydroacridine (CLEMO, PERKIN, and ROBINSON), 1791.

$C_{22}H_{26}O_6N_2S$ Methyldiveratroharmyrine methosulphate (LAWSON, PERKIN, and ROBINSON), 644.

22 V

$C_{22}H_{21}O_2N_2ClS$ β-Chloroethyl derivative of toluene-*p*-sulphonylaminodihydroacridine (CLEMO, PERKIN, and ROBINSON), 1791.

C_{23} Group.

$C_{23}H_{18}O_2$ 4-Phenacyl-2-phenyl-γ-pyran (FORSTER and HEILBRON), 344.

$C_{23}H_{23}O_5$ β-*cyclo*Hexaneglutarylfluorescein (DUTT and THORPE), 2531.

23 III

$C_{23}H_{12}O_5Br_6$ Hexabromodiacetylaurin (SPIERS), 456.

$C_{23}H_{19}O_2N$ Diphenylsuccino-*p*-tolils (WREN and BURROWS), 1936.

$C_{23}H_{19}O_4N$ *d*-β-Benzoyl-α-phenylethylphthalamic acid (McKenzie and Tudhope), 929.

$C_{23}H_{20}ON_4$ Acetyl derivative from substance $C_{21}H_{18}N_4$ (Carnelley and Dutt), 2481.

$C_{23}H_{21}O_3N$ *r*-Diphenylsuccino-*p*-toluidic acid, resolution of (Wren and Burrows), 1936.

$C_{23}H_{22}O_3N_2$ Ethyl tetrahydroacrindoline-21-acetate (Clemo, Perkin, and Robinson), 1800.

$C_{23}H_{22}O_3N_2$ Anhydro-8-*o*-carbethoxyphenylamino-1:2:3:4-tetrahydrocarbazole-9-acetic acid (Clemo, Perkin, and Robinson), 1783.

Ethyl anhydrocarboxyphenylaminotetrahydrocarbazoleacetate (Clemo, Perkin, and Robinson), 1784.

$C_{23}H_{22}O_5N_2$ Acetyl derivative of 8-*o*-carboxyphenylamino-1:2:3:4-tetrahydrocarbazole-9-acetic acid (Clemo, Perkin, and Robinson), 1783.

$C_{23}H_{26}ON_2$ Acetylethyloctahydroacrindoline (Clemo, Perkin, and Robinson), 1802.

$C_{23}H_{28}O_3N_2$ ββ-Dimethylglutarylrhodamine (Dutt and Thorpe), 2533.

as-Methylethylsuccinylrhodamine (Dutt and Thorpe), 2532.

$C_{23}H_{30}ON_2$ Acetylethyldodecahydroacrindoline (Clemo, Perkin, and Robinson), 1803.

C_{24} Group.

$C_{24}H_{18}O$ Diphenylacetonaphthone (McKenzie and Dennler), 2109.

α-Naphthyldeoxybenzoin (McKenzie and Dennler), 2108.

Substance, from dehydration of αβ-dihydroxy-αβ-diphenyl-β-naphthylethane (McKenzie and Roger), 853.

$C_{24}H_{16}O_3$ 4-Phenacyl-2-phenyl-γ-pyran-3-carboxylic acid (Forster and Heilbron), 344.

$C_{24}H_{22}O_6$ Phthaleins, from hemipinic anhydride and *o*- and *m*-cresols (Simonsen), 723.

$C_{24}H_{24}O_4$ Diethoxytrimethylenedibenz*ospiro*pyran (Ridgway and Robinson), 218.

$C_{24}H_{24}O_5$ Ethyl 3-*o*-methoxyphenyl-5-*o*-hydroxystyryl-Δ^5-*cyclo*hexen-1-one-2-carboxylate (Heilbron and Forster), 2067.

$C_{24}H_{28}O$ 2-Benzylidene-6-benzyl-*dl*-*iso*menthone (Read, Smith, and Hughesdon), 136.

$C_{24}H_{32}O$ 2:6-Dibenzyl-*dl*-*iso*menthol (Read, Smith, and Hughesdon), 136.

24 III

$C_{24}H_{10}O_4N_6$ 3:4-Dinitroacenaphthaphenaziazine (Sircar and Guha), 338.

$C_{24}H_{21}ON$ β-Hydroxy-αβ-diphenyl-β-naphthylethylamine, deamination of (McKenzie and Dennler), 2105.

$C_{24}H_{24}O_4Se_2$ Selenium β-phenylpropionylacetone (Morgan and Porter), 1275.

$C_{24}H_{26}O_4Cu$ Copper β-phenylpropionylacetone (Morgan and Porter), 1274.

$C_{24}H_{30}O_2N_2$ *as*-Diethylsuccinylrhodamine (Dutt and Thorpe), 2532.

ββ-Methylethylglutarylrhodamine (Dutt and Thorpe), 2533.

$C_{24}H_{31}O_2N$ Benzyl-*dl*-*iso*menthol phenylurethanes (Read, Smith, and Hughesdon), 133.

$C_{24}H_{48}O_{12}Sn_6$ Hexapropionyl derivative of methylstannonic acid (Lambourne), 2015.

24 IV

$C_{24}H_{17}O_2Cl_4Fe$ 3-Methoxy-2-α-naphthylnaphtha-(2:1)-pyrylium chloride (Ridgway and Robinson), 220.

$C_{24}H_{24}O_4Cl_2Cu$ Copper chloro-β-phenylpropionylacetone (Morgan and Porter), 1274.

$C_{24}H_{22}O_4Cl_4Fe$ 5-Ethoxy-4-(2-hydroxy-3-ethoxybenzylidene)-1:2:3-tetrahydroxanthylium ferrichloride (+ H_2O) (RIDGWAY and ROBINSON), 218.

$C_{24}H_{26}O_4N_2S$ Dimethylacetalylsulphonylamino-5:10-dihydroacridine (CLEMO, PERKIN, and ROBINSON), 1794.

24 V

$C_{24}H_{20}O_2NCl_4Fe$ 3-Benzoylamino-8-ethoxy-2-phenylbenzopyrylium ferrichloride (RIDGWAY and ROBINSON), 216.

C_{25} Group.

$C_{25}H_{26}O_5$ Ethyl 3-*o*-methoxyphenyl-5-*o*-methoxystyryl-Δ^5-*cyclo*hexen-1-one-2-carboxylate (HEILBRON and FORSTER), 2067.

$C_{25}H_{44}O_6$ Anhydro-methylglucoside mono-oleate (IRVINE and GILCHRIST), 7.

$C_{25}H_{52}O_2$ Tri-*l*-β-octyl orthoformate, rotatory power of (HUNTER), 1394.

25 III

$C_{25}H_{14}O_5N_2$ 2- and 4-Hydroxyphenanthraquinoneazo-3-naphthoic acids (SIRCAR and ROY), 545.

$C_{25}H_{16}O_7Br_6$ Hexabromotriacetylaurin (SPIERS), 456.

$C_{25}H_{18}NCl$ Substance, from carbazole, benzophenone, and phosphoryl chloride (DUTT), 807.

$C_{25}H_{22}O_4N_2$ Phenyldiveratroharmyrine (LAWSON, PERKIN, and ROBINSON), 642.

$C_{25}H_{23}O_5N$ Dipiperonylidene-ψ-pelletierine (MENZIES and ROBINSON), 2168.

$C_{25}H_{25}N_2I$ 1:1′-Diethyl-2:4′-carbocyanine iodide (MILLS and ODAMS), 1919.

$C_{25}H_{26}O_6N_2$ *N*-Phenacyldiaminoveratrone (LAWSON, PERKIN, and ROBINSON), 641.

$C_{25}H_{28}O_3N_2$ Diacetyl derivative of β-hydroxyethyloctahydroacrindoline (CLEMO, PERKIN, and ROBINSON), 1799.

$C_{25}H_{32}O_3N$ ββ-Diethylglutarylrhodamine (DUTT and THORPE), 2533.

25 V

$C_{25}H_{22}O_4NCl_4Fe$ 3-Benzoylamino-4′-methoxy-8-ethoxy-2-phenylbenzopyrylium ferrichloride (RIDGWAY and ROBINSON), 217.

C_{26} Group.

$C_{26}H_{20}O_2$ Ditoluoylnaphthalene or Ditolylnaphthalide (MASON), 2122.

$C_{26}H_{46}O_6$ Di-*l*-menthyl-*l*-dimethoxysuccinate (WREN and HUGHES), 1742.

Methyl anhydro-methylglucoside mono-oleate (IRVINE and GILCHRIST), 8.

26 III

$C_{26}H_{20}O_4N_2$ *o*-Phenylenediveratrocopyrine, and its acetate (LAWSON, PERKIN, and ROBINSON), 649.

$C_{26}H_{22}O_9N_2$ Nitrobenzoyl derivative of 6:7-dimethoxy-3′:4′-methylenedioxy-1-benzoyl-3:4-dihydro*iso*quinoline (BUCK, HAWORTH, and PERKIN), 2182.

$C_{26}H_{23}O_7N$ Benzoyl derivative of 6:7-dimethoxy-3′:4′-methylenedioxy-1-benzoyl-3:4-dihydro*iso*quinoline (BUCK, HAWORTH, and PERKIN), 2182.

Benzoyl derivative of 6:7-methylenedioxy-3′:4′-dimethoxy-1-benzoyl-3:4-dihydro-*iso*quinoline (BUCK, HAWORTH, and PERKIN), 2181.

$C_{26}H_{31}O_3N_2$ *as-cyclo*Hexanesuccinylrhodamine (DUTT and THORPE), 2532.

26 IV

$C_{26}H_{22}O_{10}N_{10}Co$ Metachrome brown B cobaltic lake (MORGAN and SMITH), 1737.

C_{27} Group.

$C_{27}H_{24}O_4N_2$ Phenylmethyldiveratrocopyrine (LAWSON, PERKIN, and ROBINSON), 648.

$C_{27}H_{27}O_7N$ Benzoyl derivative of 6:7:3′:4′-tetramethoxy-1-benzoyl-3:4-dihydro*iso*-quinoline (BUCK, HAWORTH, and PERKIN), 2184.

$C_{27}H_{29}N_2I$ 2′:4-Dimethyl-1:1′-diethyl-2:4′-carbocyanine iodide (MILLS and ODAMS), 1920.

$C_{27}H_{33}O_3N_2$ *β-cyclo*Hexaneglutarylrhodamine (DUTT and THORPE), 2533.

27 IV

$C_{27}H_{17}O_2N_2Cl$ Flavinduline-*o*-carboxylic acid (CLEMO, PERKIN, and ROBINSON), 1780.

C_{28} Group.

$C_{28}H_{13}O_6$ 3:4:5′:6′-Tetrahydroxydianthrone (GOODALL and PERKIN), 474.

28 III

$C_{28}H_{16}O_8N_4$ Phenanthraquinonebisazosalicylic acids (SIRCAR and ROY), 546.

$C_{28}H_{17}N_2Cl$ Naphthylacenaphthaphenazonium chloride (SIRCAR and GUHA), 339.

Phenylacenaphthanaphthazonium chloride (SIRCAR and GUHA), 339.

$C_{28}H_{18}O_8S_2$ Dianthronedisulphonic acids, and their salts (BARNETT and MATTHEWS), 1080.

$C_{28}H_{18}O_{14}S_4$ Dianthronetetrasulphonic acids, and their salts (BARNETT and MATTHEWS), 1081.

$C_{28}H_{23}O_{13}N_3$ 6-Nitropiperonal-6-nitropiperonoylhydrocotarnine (G. M. and R. ROBINSON), 840.

28 IV

$C_{28}H_{15}O_4N_4Cl$ Phenyl-3:4-dinitroacenaphthanaphthazonium chloride (SIRCAR and GUHA), 339.

C_{29} Group.

$C_{29}H_{26}O_2N_2$ Dibenzoyldiphenylpropylenediamines (KIPPING and POPE), 2398.

C_{30} Group.

$C_{30}H_{18}O_6$ 2:7′-Dimethoxy-1:1′-dianthraquinonyl (HALLER and PERKIN), 237.

$C_{30}H_{21}Sb$ Tri-α-naphthylstibine (CHALLENGER and PRITCHARD), 869.

$C_{30}H_{28}O_2$ *l*-Di-diphenylmethylethylene oxide (MCKENZIE and ROGER), 2153.

$C_{30}H_{28}N_4$ Dibenzylketazine (WILSON and PICKERING), 1154.

30 III

$C_{30}H_{21}Cl_2Sb$ Tri-α-naphthylstibine dichloride (CHALLENGER and PRITCHARD), 869.

$C_{30}H_{21}Br_2Sb$ Tri-α-naphthylstibine dibromide (CHALLENGER and PRITCHARD), 869.

$C_{30}H_{60}O_{18}Sn_6$ Hexabutyryl derivatives of methylstannonic acid (LAMBOURNE), 2015.

30 IV

$C_{30}H_{22}O_4Br_2Sn$ Stannic bisdibenzoylmethane dibromide (MORGAN and DREW), 379.

$C_{30}H_{27}O_6ClZr$ Zirconium tribenzoylacetone chloride (MORGAN and BOWEN), 1258.

30 V

$C_{30}H_{23}O_3N_4ClP$ Substance, from phosphorus pentachloride and anhydro-5:10-dihydroacridine-9-aminoacetic acid (CLEMO, PERKIN, and ROBINSON), 1789.

C_{31} Group.

$C_{31}H_{23}N_3$ Substance, from carbazole and benzaldehyde (DUTT), 803.
$C_{31}H_{21}N_2Cl$ Substance, from carbazole, benzaldehyde, and hydrochloric acid (DUTT), 803.
$C_{31}H_{22}ON_2$ Substance, from carbazole, benzaldehyde, and pyridine (DUTT), 803.

C_{32} Group.

$C_{32}H_{16}O_6$ 3:6′-Dihydroxynaphthadianthrone (HALLER and PERKIN), 238.
$C_{32}H_{18}O_8$ 2:7′-Dihydroxy-1:1′-dianthraquinonyl (HALLER and PERKIN), 236.
$C_{32}H_{26}O_6$ 3:4:5′:6′-Tetramethoxydianthrone (GOODALL and PERKIN), 475.
$C_{32}H_{32}O_2$ *l*-Di-diphenylethylethylene oxide (MCKENZIE and ROGER), 2154.

32 III

$C_{32}H_{17}O_6I$ 5-Iodo-3:6′-dihydroxyhelianthrone (HALLER and PERKIN), 237.
$C_{32}H_{24}N_5Cl$ 2:7-Diamino-11-anilinoflavinduline chloride (SIRCAR and ROY), 544.
$C_{32}H_{26}O_4N_2$ Diphenyldiveratrocopyrine, and its salts (LAWSON, PERKIN, and ROBINSON), 648.

32 IV

$C_{32}H_{20}O_4N_5Cl$ 2:7-Dinitro-11-anilinoflavinduline chloride (SIRCAR and ROY), 544.
$C_{32}H_{20}N_3ClBr_2$ 4:5-Dibromo-11-anilinoflavinduline chloride (SIRCAR and ROY), 544.
$C_{32}H_{21}O_2N_4Cl$ 2-Nitro-11-anilinoflavinduline chloride (SIRCAR and ROY), 544.

C_{34} Group.

$C_{34}H_{22}O_2$ $\alpha\alpha$-Tetraphenylacetylenylethylene glycol (WILSON and HUGHES), 1557.

34 III

$C_{34}H_{38}O_2Be$ Beryllium benzoylcamphor, mutarotation of, and its compound with chloroform (BURGESS and LOWRY), 2081.

34 IV

$C_{34}H_{26}O_6Cl_5Fe$ 3-Hydroxy-4′-methoxy-8-ethoxy-2-phenylbenzopyrylium ferrichloride ($+H_2O$) (RIDGWAY and RIDING), 2243.

C_{36} Group.

$C_{36}H_{26}O_2$ $\alpha\alpha\delta\delta$-Tetraphenylacetylenyl-$\alpha\delta$-butylene glycol (WILSON and HYSLOP), 1557.
$C_{36}H_{60}O_{30}$ β-Hexa-amylose, molecular structure of (IRVINE, PRINGSHEIM, and MACDONALD), 943.

36 III

$C_{36}H_{20}O_8N_4$ Phenanthraquinonebis(1-azo-2- and -4-hydroxy-3-naphthoic acids) (SIRCAR and ROY), 546.

C_{40} Group.

$C_{40}H_{30}O_{12}$ Hexa-acetyld.anthranol (GOODALL and PERKIN), 474.
$C_{40}H_{34}O_{10}$ Tetra-acetyldiethoxydianthranol (GOODALL and PERKIN), 474.

C_{41} Group.

$C_{41}H_{34}O_{11}N_6As_2$ *s*-Carbamides of aminobenzoylaminobenzoyl-*p*-aminophenylarsinic acids (KING and MURCH), 2610.

C_{42} Group.

$C_{42}H_{76}O_7$ Mannitan dioleate (IRVINE and GILCHRIST), 13.

42 III

$C_{42}H_{30}O_{16}Br_{12}$ Bromolignin (POWELL and WHITTAKER), 364.
$C_{42}H_{39}O_{22}N_3$ Nitrolignin (POWELL and WHITTAKER), 364.

C_{43} Group.

$C_{43}H_{78}O_7$ Methyl mannitan dioleate (IRVINE and GILCHRIST), 13.

43 III

$C_{43}H_{32}O_{16}Cl_{12}$ Chlorolignin (POWELL and WHITTAKER), 363.

C_{45} Group.

$C_{45}H_{33}O_6ClZr$ Zirconium trisdibenzoylmethane chloride, and its salts (MORGAN and BOWEN), 1256.

C_{48} Group.

$C_{48}H_{54}O_{16}$ Methyl-lignin (POWELL and WHITTAKER), 363.

48 V

$C_{48}H_{27}O_{21}N_6S_2Co$ Oxidised diamond black PV cobaltic lake ($+3H_2O$), and its salts (MORGAN and SMITH), 1738.

$C_{48}H_{33}O_{18}N_6S_3Cr$ Diamond black PV chromic lake ($+3H_2O$) (MORGAN and SMITH), 1737.

C_{51} Group.

$C_{51}H_{33}O_{18}N_6S_3Co$ *o*-Carboxybenzeneazo-β-naphthol-6-sulphonic acid cobaltic lake, cobaltic salt of (MORGAN, SMITH, and STANLEY), 1739.

C_{54} Group.

$C_{54}H_{51}O_{28}N_3$ Acetylnitrolignin (POWELL and WHITTAKER), 364.

C_{60} Group.

$C_{60}H_{39}O_{18}N_6S_3Co$ Palatine chrome black 6 B cobaltic lake ($+3H_2O$), and its cobaltic salt (MORGAN and SMITH), 1737.

$C_{60}H_{39}O_{18}N_6S_3Cr$ Palatine chrome black 6 B chromic lake ($+3H_2O$) (MORGAN and SMITH), 1736.

$C_{60}H_{45}O_{18}N_{12}S_3Co$ Eriochrome red B cobaltic lake ($+3H_2O$), and its salts (MORGAN and SMITH), 1736.

$C_{60}H_{45}O_{18}N_{12}S_3Cr$ Eriochrome red B chromic lake (MORGAN and SMITH), 1735.

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Page		Line	
1912		16	*for* " Vignerie " *read* " Viguerie."
,,	(last col.)	17—25	*for* " 118·05, 90·92, non dosée, 27·02, (S. Humages) non dosée, non dosée, 65·96, non dosée, 60·74 " *read* " 132·5, 107·0, 55·5, 28·0, (S. Etuves) 8·6, non dosée, 76·7, 8·2, 82·5."
1914	(last col.)	16	*for* " 141·50 " *read* " 161·4."
1917		24*	*for* " 6·077 10·020 " *read* " 6,077 10,020."
,,		12*	*for* " 65,486 " *read* " 69,800."
1918		4	
1923	Table IV, last col.		*for* " Ar " *read* " Kr."
,,		20*	*for* " 1·8 " *read* " 1·2."
,,		19*	*for* " No. 8 " *read* " No. 2."
,,		1*	*for* " 24·814 " *read* " 24,814."
1926		18*	*for* " 1·000 " *read* " 1·004."
,,		17*	*for* " 1 " *read* " 1·004."
1930		9*	*for* " Shutt " *read* " Strutt."
1931		18	*for* " $1{\cdot}5^{-12}$ " *read* " $1{\cdot}5 \times 10^{-12}$."
,,		19	*for* " $1{\cdot}2^{-5}$ " *read* " $1{\cdot}2 \times 10^{-5}$."
1932		3*	*for* " Leche " *read* " Zeche."
1936	Table XI, 2nd col.		*for* " 1·18 " *read* " 1·195."
,,	,, 3rd col.		*for* " 0·82, 0·97, 0·85, 1·72, 1·38 " *read* " 0·81, 0·96, 0·84, 1·70, 1·36."
1938		15	*for* " Ysère " *read* " Isère."
1939		19	*for* " 0·25 " *read* " 0·26."
1940		4	*for* " notablement plus élevé " *read* " du même ordre."
,,		5	*for* " Anzin, 4380 mètres cubes " *read* " Vaux-en-Bugey, 20,747 mètres cubes."
,,		14	*add* " Les recherches relatives à l'hélium des gaz naturels du Canada et des Etats-Unis ont fait l'objet d'importantes publications d'ensemble dues au Professeur MacLennan et associés (Department of Mines, Bull. 31, Ottawa, 1920) et à G. S. Rogers (Department of the Interior, Professional Paper No. 121, Washington, 1921)."
1941		5	*for* " Ponzzoles " *read* " Pouzzoles."
,,		11*	*for* " toute relation de l'azote " *read* " inertie toute relative de l'azote."
2795		21	*for* " former " *read* " latter."
,,		26	*for* " latter " *read* " former."
3155		3	*for* " 1·5/4·22 " *read* " 1·22/1·5."
3256		4	*for* " George " *read* " Gray."
3349		2*	*for* " 248 " *read* " 428."

* From bottom.

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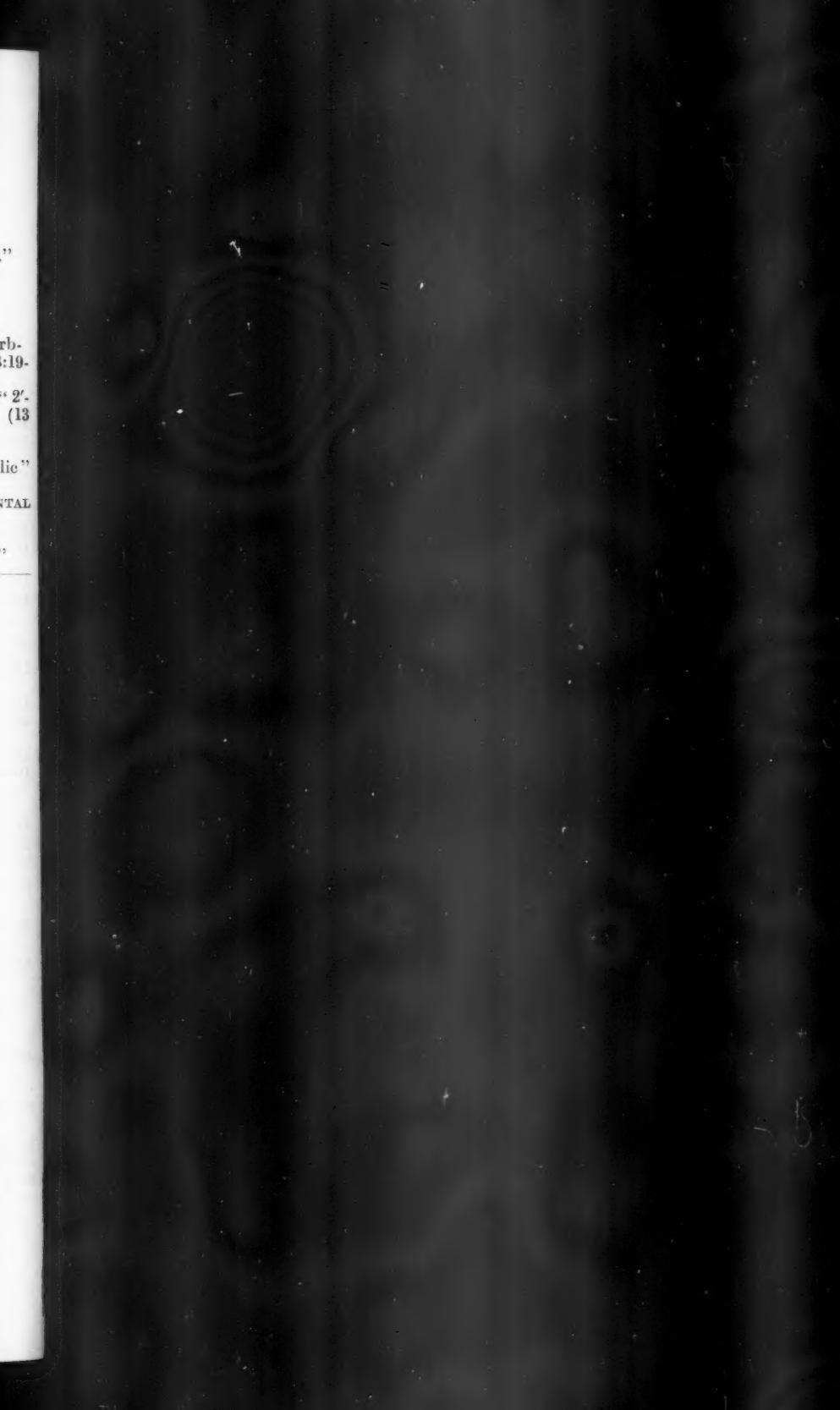
Page	Line	
426	4	*for* "$1{\cdot}3 \times 10^{-12}$" *read* "$1{\cdot}07 \times 10^{-12}$."
,,	5	*for* "$1{\cdot}0 \times 10^{-12}$" *read* "$1{\cdot}03 \times 10^{-12}$."
1049	13*	*for* "*m*-hydroxybenzoic" *read* "*m*-nitrobenzoic."
1323	11	*for* "4·9" *read* "4·0."
1543	14	*for* "tetralene" *read* "tetralin."
,,	15*	*for* "phenolphthalein" *read* "phenolphthalin."
1756	3	*for* "lower" *read* "upper."
1756	4	*for* "anhydrocarboxyphenylaminotetrahydrocarb-
1784	1	azoleacetic acid" *read* "5-keto-5:10:16:17:18:19-hexahydroacrindoline-21-acetic acid."
1780	5*	*for* "*o*-Phenylenediamine (2·7 gms)" *read* "2′-Aminodiphenylamine-6-carboxylic acid (13 gms)."
1928	22	*for* "Toironen" *read* "Toivonen."
1934	6	(and throughout the paper) *for* "diphenylsuccinalic" *read* "diphenylsuccinanilic."
1960	10	*delete* "MINES DEPARTMENT EXPERIMENTAL
1963	9	STATION, SHEFFIELD."
2377		Formula II, *for* "CHBr" *read* "CH_3."
,,	2	*for* "Bromocampholenic" *read* "Campholenic."

* From bottom.



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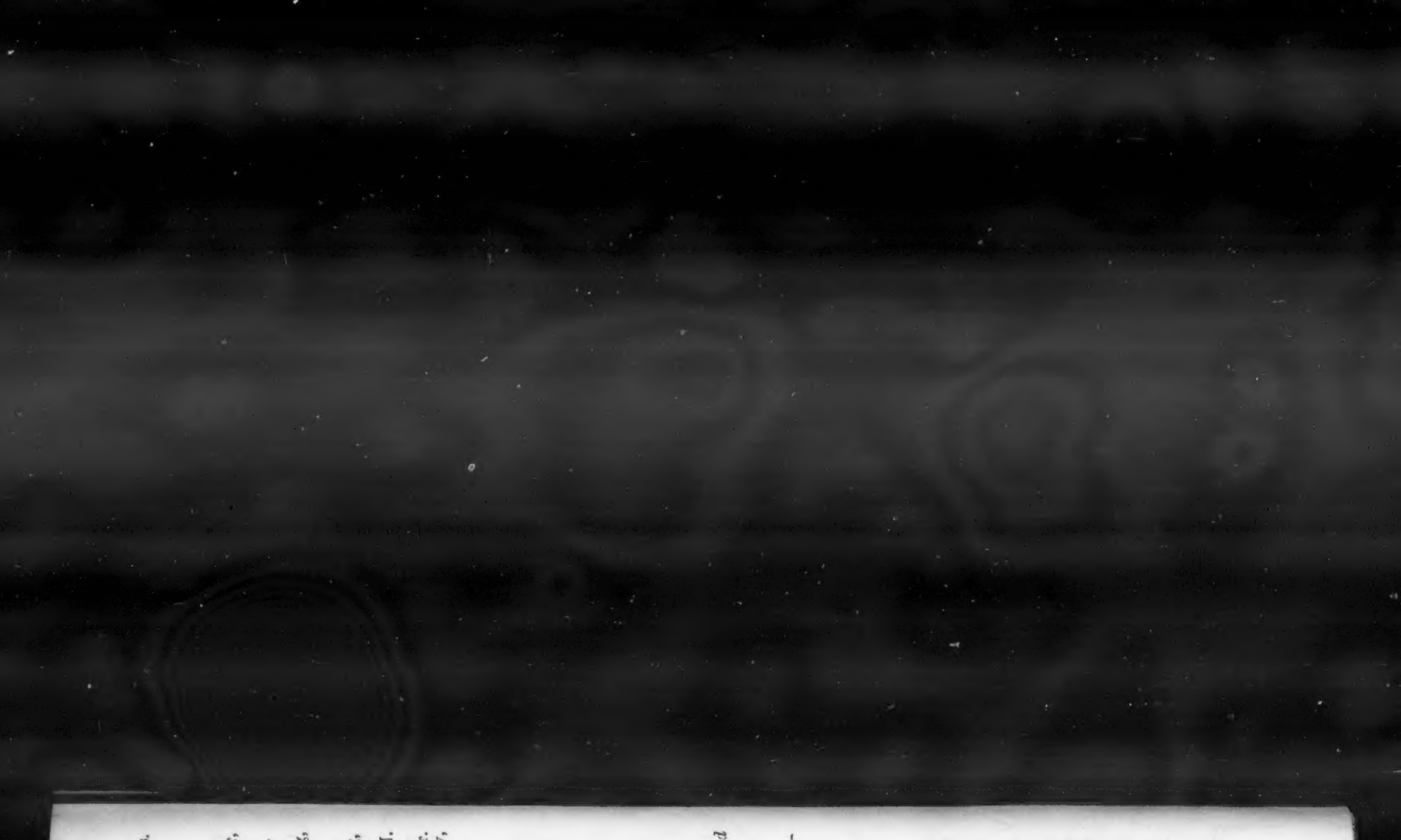
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